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METEOROLOGICAL OFFICE

QUARTERLY WEATHER REPORT

OF THE

METEOROLOGICAL OFFICE

For 1875.

16670
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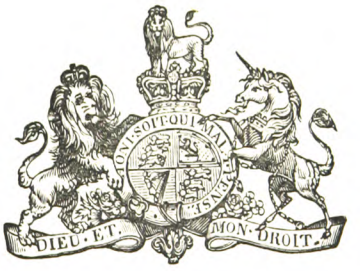

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1879.

STRATHFIELD TURGISS.

Height above Mean Sea Level, 196 feet. Long. 1° 0′ W. Lat. 51° 20′ N.

JULY 1875.

Day.	Barometer.		Air Temperature.				Tension of Vapour.		Relative Humidity.		Wind, Direction and Force.				Amount of Cloud.		Rain-fall.	Remarks.
	9 a.m.	9 p.m.	9 a.m.	9 p.m.	Min.	Max.	9 a.m.	9 p.m.	9 a.m.	9 p.m.	9 a.m.		9 p.m.		9 a.m.	9 p.m.	9 a.m.	
	ins.	ins.	°	°	°	°	in.	in.	%	%							ins.	
1	29·752	29·714	64·2	55·4	53·8	68·5	·500	·406	83	93	S	1	S	1	10	6	·040	
2	·754	29·817	61·8	58·4	52·0	66·9	·462	·447	84	92	SW	1	SW	0-1	9	10	·055	
3	29·913	30·064	55·3	57·5	54·3	63·9	·399	·457	91	97	NW	1	N	0-1	10	10	·305	
4	30·281	·360	55·9	53·8	53·4	63·7	·419	·385	94	93	NE	1	Calm	0	10	0	—	
5	·352	·319	63·6	57·4	44·4	72·4	·431	·427	74	90	NE	1-2	NE	1	0	0	—	
6	·331	·309	65·9	62·9	53·7	75·2	·485	·507	77	89	NE	1	NE	1	1	1	—	
7	·295	30·172	63·0	58·6	52·2	72·2	·454	·454	79	92	N	1	E	1	9	1	—	
8	30·041	29·905	60·1	58·0	53·9	69·9	·441	·461	86	95	N	1	Calm	0	10	7	—	
9	29·765	·385	57·4	57·0	53·5	68·5	·428	·451	91	97	SW	1	W	1	10	10	·542	
10	·667	·727	57·8	54·4	50·3	65·5	·324	·377	68	90	SW	1-2	NW	1-2	8	9	·053	
11	29·522	29·812	59·1	53·3	45·3	63·2	·384	·378	77	93	SW	1-2	W	1	7	2	·015	
12	30·025	30·222	55·8	53·0	49·0	65·2	·355	·352	80	87	W	2	NW	1	8	8	—	
13	·237	30·164	61·8	52·0	**40·2**	65·4	·403	·356	74	92	NW	0-1	Calm	0	7	10	—	
14	30·000	29·678	58·8	50·8	43·3	59·1	·404	·351	82	94	S	1	SE	1	10	10	1·624	
15	29·608	·713	56·8	57·0	50·8	59·9	·462	·434	100	93	SE	1	NE	1	10	10	·821	
16	·804	·892	57·0	56·7	54·5	63·0	·453	·421	97	91	N	1	NE	2	10	10	·023	
17	·871	·798	58·3	60·1	54·1	61·2	·441	·464	91	89	NE	1-2	NE	1	10	10	·258	
18	·747	·808	61·1	60·8	55·9	71·5	·528	·472	98	89	E	0-1	S	1	10	0	·060	
19	·841	·876	59·5	58·6	57·5	72·8	·482	·467	95	95	N	1	S	1	10	8	·023	≋ ⌒ in afternoon.
20	·944	·970	62·8	58·0	55·4	68·2	·482	·461	84	95	SW	1	NW	1	10	8	·011	
21	·929	·874	56·0	57·0	55·0	67·1	·389	·434	87	93	W	1	W	1	10	10	**1·760**	
22	·818	·766	64·1	52·0	51·8	72·7	·500	·356	83	92	NW	1-2	W	1	4	10	—	
23	·699	·672	60·0	57·0	49·4	66·3	·431	·451	84	97	W	1-2	W	1	9	7	·114	
24	·629	29·712	59·3	53·0	52·3	71·8	·489	·352	97	87	SW	1	SW	1	5	4	—	
25	29·943	30·130	63·1	53·4	43·3	67·7	·358	·343	63	84	SW	1	W	1	8	0	—	
26	—	·375	62·4	53·5	41·3	70·2	·394	·396	70	97	NW	1	Calm	0	0	6	—	
27	30·381	·342	64·0	57·3	42·8	73·0	·345	·344	**58**	73	SE	1	E	1	8	10	—	
28	·327	·331	67·9	60·0	45·8	75·5	·427	·395	62	76	NE	1	N	0-1	0	0	—	
29	·354	·264	68·4	61·5	45·4	**77·8**	·441	·479	63	88	NE	1	N	1	8	10	—	
30	·160	·225	66·0	55·6	49·7	74·3	·434	·318	68	72	NW	1	N	1	10	6	—	
31	30·175	30·130	58·0	52·0	44·1	69·0	·366	·361	76	93	NW	1-2	Calm	0	8	0	—	
Means	*29·972	29·985	60·8	56·3	49·9	68·4	·429	·412	81·2	90·3		1·1		0·9	7·7	6·2	5·704	

* 30 days.

DARTMOOR.

Height above Mean Sea Level, 1,372 feet. Long. 3° 59′ W. Lat. 50° 32′ N.

JULY 1875.

1	29·758	29·763	56·7	51·7	51·0	60·6	·396	·384	86	100	S	3	SW	3	9	10	·220	≋ at and before 9p.
2	29·849	29·954	54·1	49·6	49·0	56·6	·401	·356	96	100	SW	3	W	2	10	10	·520	≋
3	30·109	30·220	49·4	51·1	45·0	53·6	·322	·375	91	100	N	5	NW	4	9	10	·010	≋ at and before 9p.
4	·367	·438	56·5	51·5	49·2	64·6	·391	·355	86	94	NE	4	NE	1	5	0	—	≋ before 9a.
5	·432	·393	63·4	57·0	47·5	70·6	·351	·434	**60**	93	NE	2	N	3	0	0	—	
6	·396	·385	63·4	59·4	52·0	70·6	·449	·430	77	86	NE	1	NE	1	8	2	—	
7	·315	·268	64·6	59·4	54·0	72·0	·415	·453	69	90	NE	3	Calm	0	4	10	·030	
8	30·126	30·028	60·9	52·7	52·2	71·6	·424	·393	81	99	NW	1	NW	4	6	10	·100	
9	29·856	29·579	52·3	52·0	50·0	66·8	·393	·388	100	100	SW	5	SW	5	10	10	·820	≋ 9a. and 9p.
10	·885	·762	53·3	49·1	48·5	58·1	·322	·349	79	100	NW	6	NW	6	6	6	·730	
11	29·734	29·981	49·5	49·7	**42·5**	57·6	·335	·357	96	100	W	7	NW	5	10	10	·230	
12	30·225	30·346	51·3	46·6	46·0	59·1	·333	·260	88	83	NW	2	NW	1	9	0	—	
13	30·342	30·223	52·7	48·6	44·5	61·6	·327	·323	82	95	Calm	0	Calm	0	10	10	·500	
14	29·956	29·597	50·0	52·7	48·2	61·6	·346	·393	97	99	SE	5	SE	8	10	10	**4·150**	≋ before 9a. ● 2 fell in sheets for 24 hours.
15	·557	·799	51·7	48·6	48·6	62·4	·378	·329	99	97	SE	2	NE	2	10	10	·090	
16	·900	·996	51·5	54·5	48·6	60·6	·381	·381	100	90	NE	8	NE	6	10	10	—	≋ before 9a.
17	·987	·954	59·4	51·5	51·0	70·6	·367	·329	73	87	NE	5	SE	4	6	10	·210	
18	·821	·824	54·5	53·9	50·6	58·8	·407	·416	96	100	NE	4	SE	1	10	10	·020	≋ all day.
19	29·903	29·987	55·1	52·5	50·8	61·0	·416	·396	96	100	S	1	SW	3	10	7	—	≋ before 9a. ≋ 9p.
20	30·075	30·120	52·9	53·1	50·0	62·0	·373	·404	93	100	W	2	SW	2	9	10	—	
21	30·091	30·013	55·9	51·9	48·8	60·6	·357	·375	80	98	W	2	NW	5	9	10	·060	≋
22	29·974	29·886	53·7	51·9	51·0	62·8	·384	·375	93	98	NE	3	NW	4	10	9	—	
23	·825	·784	55·7	53·3	51·6	61·8	·401	·407	91	100	W	3	SW	4	8	10	·210	≋ at and before 9p.
24	29·823	29·933	54·0	46·6	46·0	59·4	·336	·289	80	92	NW	4	W	2	6	2	·040	≋ before 9a.
25	30·091	30·277	50·1	47·4	44·8	59·8	·293	·284	81	87	NW	2	NW	4	7	1	·020	▲ 8·30a.
26	·400	·431	56·3	49·6	44·8	63·8	·334	·335	74	95	NW	1	Calm	0	5	1	—	
27	·427	·385	56·9	51·3	45·0	65·8	·351	·357	76	95	E	3	Calm	0	5	8	—	
28	·353	·401	64·4	57·5	46·8	**73·0**	·416	·379	70	81	E	3	Calm	0	0	0	—	
29	·401	·370	67·6	56·7	52·5	72·5	·433	·357	64	78	E	2	Calm	0	0	0	—	
30	·298	·329	58·7	51·5	51·0	66·6	·473	·331	97	87	W	1	NE	2	10	6	—	
31	30·299	30·223	53·5	48·6	43·6	62·2	·289	·317	71	93	NE	4	NE	3	7	0	—	
Means	30·083	30·085	55·8	52·0	48·6	63·5	·374	·365	84·6	94·1		3·1		2·7	7·3	6·5	7·960	

HAWES.

Long. 2° 11′ W. Lat. 54° 18′ N. Height above Mean Sea Level, 800 feet.

Months.	Mean Pressure.	Air Temperature.									Tension of Vapour.			Relative Humidity.		
		9 a.m.	9 p.m.	Mean.	Means of		Absolute Min. and Max.				9 a.m.	9 p.m.	Mean.	9 a.m.	9 p.m.	Mean.
					Min.	Max.	Min.	Day.	Max.	Day.						
	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January	29·810	*40·2	†40·7	‡40·5	35·3	44·2	**5·5**	**1st**	49·5	14th, 15th, & 19th	*·240	†·242	‡·241	*95·0	†94·2	‡94·6
February	30·109	33·3	33·1	33·2	30·4	37·8	21·5	5th	48·3	14th	·163	·166	·165	82·8	86·4	84·6
March	·188	37·1	36·6	36·9	32·8	42·5	24·0	21st	51·0	31st	·186	·189	·187	82·8	84·9	83·9
April	30·073	45·4	41·5	43·4	36·1	53·2	26·3	25th	69·8	20th	·236	·222	·229	78·2	84·0	81·1
May	29·977	51·2	47·7	49·5	41·5	57·9	30·8	30th	69·8	14th	·293	·284	·288	78·0	85·2	81·6
June	29·877	54·9	50·4	52·6	45·1	60·3	34·7	2nd	73·0	3rd	·327	·323	·325	76·0	88·1	82·1
July	30·003	58·5	54·1	56·3	47·9	65·0	37·4	26th	**75·7**	**7th**	·360	·356	·358	73·6	84·7	79·2
August	·031	58·1	55·0	56·6	50·8	63·9	37·6	2nd	74·2	16th	·399	·389	·394	82·5	89·4	86·0
September	30·038	56·2	52·2	54·2	47·4	62·9	37·4	10th	72·0	11th	·370	·353	·362	81·8	89·8	85·8
October	29·790	45·2	43·9	44·5	40·3	49·7	25·8	13th	63·0	1st	·271	·266	·268	89·0	91·8	90·4
November	29·837	38·5	37·7	38·1	34·0	42·5	24·0	9th	54·3	5th	·214	·211	·213	88·3	90·1	89·2
December	30·067	37·2	37·9	37·6	33·9	40·7	18·6	15th	51·7	22nd	·201	·206	·203	88·0	87·7	87·9
Year	29·983	46·3	44·2	45·3	39·6	51·7	—	—.	—	—	·272	·267	·269	83·0	88·0	85·5

* One observation lost. † Two observations lost. ‡ Three observations lost.

HULL.

Long. 0° 20′ W. Lat. 53° 45′ N. Height above Mean Sea Level, 14 feet.

	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January	29·852	40·8	40·9	40·9	36·7	46·0	**14·0**	**1st**	57·2	5th	·246	·238	·242	97	94	96
February	30·090	35·6	35·8	35·7	32·9	40·3	25·0	6th	51·7	14th	·195	·195	·195	93	93	93
March	·172	41·4	39·0	40·2	35·3	46·3	29·0	5th& 11th	59·5	30th	·256	·236	·246	99	99	99
April	30·059	47·7	43·4	45·6	38·6	55·7	28·5	14th	71·5	20th	·285	·253	·269	87	90	89
May	29·978	56·4	51·1	53·8	44·6	64·2	37·0	30th	75·5	14th	·355	·308	·332	78	81	80
June	·879	60·7	55·5	58·1	48·9	68·7	41·0	1st	77·5	4th& 25th	·395	·384	·390	75	87	81
July	29·979	60·4	57·3	58·9	51·0	67·3	43·0	5th& 13th	75·5	8th	·412	·404	·408	79	86	83
August	30·030	63·2	59·5	61·4	54·2	69·8	43·0	2nd	**82·5**	**16th**	·460	·432	·446	79	86	83
September	30·040	59·4	56·2	57·8	50·8	65·1	41·0	29th	74·5	7th	·453	·410	·432	90	91	91
October	29·790	48·7	47·7	48·2	43·6	53·6	31·0	12th	65·0	4th	·311	·307	·309	91	93	92
November	29·803	41·6	41·2	41·4	37·6	45·4	30·5	26th	56·5	18th	·242	·240	·241	93	93	93
December	30·069	38·9	39·7	39·3	36·2	42·3	29·5	5th	52·5	22nd	·219	·224	·222	93	92	93
Year	29·978	49·6	47·3	48·5	—	—	—	—	—	—	·319	·303	·311	87·8	90·4	89·1

CALCETHORPE.

Long. 0° 7′ W. Lat. 53° 23′ N. Height above Mean Sea Level, 379 feet.

	ins.	°	°	°	°	°	°		°		in.	in.	in.	%	%	%
January	29·872	39·1	39·8	39·5	35·1	44·6	**7·0**	**1st**	52·1	14th	·226	·232	·229	93·0	93·3	93·2
February	30·087	33·5	34·1	33·8	31·4	38·3	23·3	6th	51·0	14th	·172	·175	·173	88·2	87·4	87·8
March	·173	38·7	37·6	38·1	33·8	43·8	27·9	5th	55·8	8th	·204	·201	·203	85·2	87·3	86·3
April	30·064	45·5	42·1	43·8	37·5	52·8	29·6	18th	68·0	20th	·254	·236	·245	83·0	87·8	85·4
May	29·996	53·9	49·1	51·5	43·1	60·8	35·8	3rd	72·9	14th	·314	·298	·306	75·8	84·8	80·3
June	·892	58·2	53·3	55·8	47·3	64·5	40·1	1st	76·0	4th	·355	·339	·347	73·3	83·7	78·5
July	29·986	58·3	54·3	56·3	50·2	63·6	41·5	13th	71·3	19th	·392	·383	·387	80·2	90·2	85·2
August	30·033	60·6	57·5	59·0	52·8	67·8	44·0	2nd	**80·8**	**16th**	·421	·415	·418	79·7	86·9	83·3
September	30·047	57·8	54·7	56·3	50·8	63·7	41·4	29th	71·6	7th	·406	·383	·395	84·5	88·8	86·7
October	29·797	47·8	46·2	47·0	42·7	52·7	32·9	13th	64·4	4th	·294	·285	·289	87·6	89·9	88·8
November	29·806	40·0	39·5	39·7	36·0	44·4	27·4	26th	54·5	18th	·223	·227	·225	88·1	90·9	89·5
December	30·082	37·2	37·8	37·5	34·5	41·1	25·1	5th	53·5	22nd	·202	·209	·206	89·6	89·8	89·7
Year	29·986	47·6	45·5	46·5	41·3	53·2	—	—	—	—	·289	·282	·285	84·0	88·4	86·2

HAWES.

Thermometers 4 feet above ground. Rain-gauge 1 foot above ground.

Months.	Amount of Cloud.			Rainfall.			Weather, No. of Days of							Wind, No. of Observations of								
	9 a.m.	9 p.m.	Mean.	Total.	Max.	Day.	Rain.	Snow.	Hail.	Thunder Storms.	Clear Sky.	Overcast.	Gales.	N.	N.E.	E.	S.E.	S.	S.W.	W.	N.W.	Calm.
				ins.	ins.																	
January - -	9·1	8·7	8·9	10·060	1·790	18th	25	4	1	2	0	26	1	0	0	5	7	5	21	9	4	11
February - -	9·2	7·5	8·4	1·390	·270	11th	17	15	0	0	0	18	0	3	0	17	0	1	4	1	1	29
March - -	9·7	8·2	8·9	1·660	·540	8th	15	10	1	0	0	24	0	1	4	17	2	1	9	5	3	20
April - -	7·1	5·3	6·2	2·160	·720	3rd	9	2	1	2	5	13	1	0	4	6	0	1	7	7	1	34
May - -	7·9	6·6	7·2	2·960	·510	20th	20	0	1	2	1	16	0	0	1	3	2	3	20	7	4	22
June - -	7·3	6·6	7·0	4·390	·750	15th	20	0	0	1	3	11	0	0	2	4	2	1	15	20	2	14
July - -	6·2	6·8	6·5	3·610	·600	1st & 19th	18	0	0	1	4	11	0	2	6	9	2	0	4	13	5	21
August - -	8·7	7·2	7·9	4·120	1·260	9th	19	0	0	3	1	19	0	2	3	8	0	2	13	15	2	17
September -	6·7	6·3	6·5	5·130	1·350	8th	18	0	1	3	6	14	1	0	0	16	3	5	6	14	1	15
October - -	8·6	8·2	8·4	5·650	1·020	19th	24	0	0	0	1	22	0	0	2	20	6	3	7	12	3	9
November -	7·6	6·8	7·2	7·810	**2·470**	**13th**	29	13	0	0	4	15	0	5	10	15	3	1	8	13	2	3
December -	8·6	7·7	8·2	5·660	1·700	21st	26	6	2	1	1	19	0	2	7	4	1	2	19	16	3	8
Year -	8·1	7·2	7·6	54·600	—	—	240	50	7	15	26	208	3	15	39	124	28	25	133	132	31	203

HULL.

Thermometers 5 feet above ground. Rain-gauge 10 inches above ground till October 1st, then 6 feet 10 inches.

				ins.	ins.																	
January - -	8·3	7·5	7·9	2·050	·330	3rd	22	2	0	0	1	0	2	2	1	1	4	6	12	20	13	3
February - -	7·8	8·1	8·0	0·950	·300	24th	10	3	3	0	2	0	1	3	4	8	10	6	3	10	9	3
March - -	8·6	6·7	7·7	0·560	·150	2nd & 7th	10	3	0	0	0	16	2	6	7	10	10	5	3	8	11	2
April - -	7·0	4·4	5·7	0·380	·110	7th	6	0	0	0	3	9	1	4	8	9	2	2	5	13	13	4
May - -	7·1	4·7	5·9	1·270	·240	20th	14	0	0	2	2	6	0	2	4	4	3	4	7	20	15	3
June - -	6·4	5·6	6·0	1·500	·590	29th	12	0	0	0	2	6	1	4	5	6	3	1	4	18	16	3
July - -	7·2	6·6	6·9	3·670	·950	17th	17	0	0	1	1	12	1	8	10	11	8	4	3	6	10	2
August - -	7·7	6·3	7·0	2·210	·900	9th	10	0	0	3	0	11	3	3	9	7	1	4	10	15	13	0
September -	6·4	4·1	5·3	2·390	·640	24th	11	0	0	1	4	6	2	5	10	11	3	3	7	9	8	4
October - -	7·6	6·2	6·9	4·500	**1·050**	**20th**	18	0	0	1	2	15	4	4	6	9	12	7	8	12	4	0
November -	7·6	6·5	7·1	5·180	·730	13th	24	5	3	0	3	15	1	6	10	11	7	4	5	7	8	2
December -	8·0	6·0	7·0	1·160	·140	5th	19	3	0	0	3	16	1	7	5	4	2	1	15	18	10	0
Year -	7·5	6·1	6·8	25·820	—	—	173	16	6	8	23	112	19	54	79	91	65	47	82	156	130	26

NOTE.—The number of days of snow is an approximation obtained from Scarborough and York.

CALCETHORPE.

Thermometers 4 feet above ground. Rain-gauge 10 inches above ground.

				ins.	ins.																	
January - -	7·9	6·9	7·4	2·185	·264	24th	23	2	0	0	1	17	2	2	1	1	7	16	30	4	1	0
February - -	8·2	7·7	8·0	1·378	·256	11th	16	11	1	0	0	20	1	6	9	14	5	4	3	7	3	5
March - -	8·6	6·9	7·7	0·653	·247	6th	14	5	3	0	1	19	1	12	9	14	2	2	8	6	6	3
April - -	6·4	5·3	5·9	0·733	·163	7th	9	0	1	0	5	10	1	5	12	4	5	8	10	6	4	6
May - -	6·7	4·5	5·6	1·436	·223	18th	15	0	0	3	3	7	0	6	3	5	6	9	17	11	2	3
June - -	6·6	5·8	6·2	3·142	**1·614**	**29th**	17	0	0	8	2	9	0	1	9	3	2	7	27	6	2	3
July - -	7·6	7·0	7·3	5·228	1·359	17th	19	0	0	3	2	17	1	6	13	13	5	3	9	7	3	3
August - -	7·6	5·7	6·6	3·649	1·503	12th	16	0	0	4	0	11	0	10	7	5	4	3	22	7	3	1
September -	7·0	4·4	5·7	1·935	·600	21st	17	0	0	1	4	6	1	1	12	10	5	9	12	7	1	3
October - -	7·7	6·2	7·0	5·428	1·288	20th	20	0	0	0	2	14	1	4	2	17	10	5	13	8	1	2
November -	7·9	8·0	7·9	5·756	·744	13th	25	8	2	0	0	19	1	7	13	8	5	6	8	10	3	0
December -	8·0	6·7	7·4	1·317	·242	5th	20	7	3	0	3	15	1	1	9	2	0	6	23	12	8	1
Year -	7·5	6·3	6·9	32·840	—	—	211	33	10	19	23	164	10	61	99	96	56	78	182	91	37	30

TABLE II.

Mean Monthly and Annual Barometric Pressure for the Five Years 1871–1875.

Months.	Stornoway (3 years only).	Thurso.	Wick.	Nairn.	Aberdeen.	Leith.	Shields.	York (3 years only).	Scarborough.	Nottingham (3 years only).	Ardrossan.	Greencastle.	Donaghadee (3 years only.)	Kingstown (3 years only).
January - -	29·464	29·472	29·482	29·514	29·564	29·614	29·678	29·791	29·730	29·851	29·620	29·588	29·672	29·739
February - -	·971	·856	·873	·881	·908	·932	·958	30·069	·974	30·080	·929	·911	30·028	30·051
March - -	·919	·841	·878	·879	·894	·933	·955	30·036	·972	·058	·938	·924	29·999	30·044
April - -	·890	·856	·867	·879	·875	·904	·908	29·981	·914	30·003	·914	·902	·961	29·998
May - -	·902	·911	·917	·929	·927	·955	·960	·975	·973	29·995	·968	·974	·954	29·995
June - -	·863	·871	·876	·884	·890	·918	·941	·988	·946	30·012	·926	·922	·949	30·001
July - -	·829	·817	·827	·831	·841	·863	·883	·948	·900	29·974	·873	·866	·905	29·959
August - -	·779	·827	·831	·842	·855	·887	·917	·932	·936	·955	·897	·902	·874	·933
September -	·774	·783	·783	·803	·803	·843	·869	·939	·884	·965	·849	·852	·869	·922
October - -	·593	·619	·633	·651	·665	·710	·750	·805	·781	·826	·718	·704	·723	·774
November -	·789	·761	·776	·789	·784	·820	·828	29·874	·834	29·885	·822	·819	·840	29·864
December -	29·816	29·720	29·736	29·773	29·785	29·843	29·878	30·004	29·901	30·048	29·855	29·844	29·969	30·020
Average for the year.	29·799	29·778	29·790	29·805	29·816	29·852	29·877	29·945	29·895	29·971	29·859	29·851	29·895	29·942

(*continued.*)

Months.	Holyhead.	Liverpool.	Valentia.	Roche's Point.	Pembroke.	Portishead (3 years only).	Scilly.	Plymouth.	Dover.	London.	Oxford (3 years only).	Cambridge (3 years only).	Yarmouth.
January - -	29·693	29·733	29·688	29·701	29·743	29·873	29·810	29·825	29·865	29·840	29·893	29·894	29·815
February -	·923	·965	·911	·913	·943	30·056	·959	29·983	30·009	30·005	30·063	30·070	30·003
March - -	·950	·972	·961	·958	·981	30·063	·999	30·006	30·008	30·011	30 061	30·056	29·998
April - -	·919	·932	29·936	29·924	·932	29·998	29·952	29·948	29·931	29·941	29·997	29·990	·929
May -	·988	·995	30·024	30·003	·996	30·006	30·028	30·018	·993	30·005	29·996	30·000	·987
June - -	·962	·962	29·977	29·960	·974	30·020	30·006	29·996	·979	29·982	30·008	30·015	·974
July - -	·913	·916	·913	·912	·932	29·984	29·977	29·966	29·960	29·954	29·977	29·982	·943
August - -	·944	·954	·965	·956	·964	·984	30·011	30·010	30·002	30·000	·972	·972	·983
September -	·885	·904	·909	·900	·904	·970	29·933	29·940	29·948	29·946	·973	·979	·924
October - -	·761	·787	·784	·775	·789	·822	·827	·832	·859	·848	·838	·847	·843
November -	·819	·854	·863	·846	·843	29·882	·873	·865	·863	·864	29·876	29·878	·846
December -	29·890	29·933	29·918	29·927	29·945	30·057	29·983	29·985	29·978	29·975	30·059	30·054	29·938
Average for the year.	29·887	29·909	29·904	29·898	29·912	29·976	29·947	29·948	29·950	29·948	29·976	29·978	29·932

TABLE IIA.

Mean Monthly and Annual Barometric Pressure for the Ten Years 1866–1875.

Months.	Nairn	Aberdeen.	Leith.	Scarborough.	Ardrossan.	Greencastle.	Holyhead.	Valentia.	Roche's Point.	Plymouth.	London.	Yarmouth
January - - -	29·584	29·627	29·669	29·766	29·678	29·651	29·730	29·721	29·755	29·866	29·869	29·847
February - - -	·774	·799	·841	·908	·851	·847	·889	·903	·922	·993	·983	·974
March - - -	·853	·858	·888	·912	·894	·889	·897	·917	·973	·947	·940	·925
April - - -	·856	·861	·894	·922	·903	·894	·921	·929	·958	·978	·966	·948
May - - -	·918	·923	·942	29·968	·947	·938	29·948	29·943	29.960	29·983	29·987	29·979
June - - -	·934	·939	·969	30·002	·982	·985	30·013	30·041	30·033	30·060	30·040	30·027
July - - -	·883	·886	·907	29·941	·923	·917	29·946	29·965	29·970	·000	29·983	29·970
August - - -	·853	·863	·891	·934	·908	·909	·939	·965	·985	30·007	·988	·968
September - -	·775	·784	·814	·870	·828	·818	·857	·872	·875	29·935	·937	·918
October - - -	·724	·738	·776	·842	·792	·784	·830	·852	·827	·920	·907	·892
November - -	·822	·820	·863	·887	·879	·884	·897	·939	·873	·960	·940	·910
December - -	29·724	29·740	29·782	29·837	29·804	29·791	29·837	29·866	29·837	29·932	29·916	29·881
Average for the year -	29·808	29·820	29·853	29·899	29·866	29·859	29·892	29·909	29·914	29·965	29·955	29·937

In the lower table (IIA.) the mean at Roche's Point is for eight years only, 1868–1875.

JANUARY, 1875.

1ST 2ND 3RD 4TH 5TH

Plate I.

WIND BAR. THERM 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M THER. BAR. WIND

VALENCIA.

ARMAGH.

GLASGOW.

ABERDEEN.

FALMOUTH.

STONYHURST.

KEW.

VELOC. DRY WET BAR. VAP. TEN. RAIN DIREC. WIND DIRECTION VAPOUR TENSION AND RAINFALL

Clock Stopped. Gas Out. Out of Action. Rainfall measd 2 a.m. 0·445 No Trace Snow measd 10a.m. 0·200

VALENCIA. LAT. 51° 54′ 36″ N LONG. 10 18 10 W BAR 23 0 FT ABOVE M.S.L.

ARMAGH. LAT. 54° 21′ 13″ N LONG. 6 38 52 W BAR 207 3 FT. ABOVE M.S.L.

GLASGOW. LAT. 55° 52′ 43″ N LONG. 4 17 30 W BAR. 184 0 FT. ABOVE M.S.L.

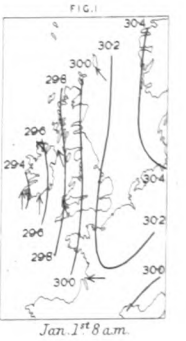
ABERDEEN. LAT. 57° 9′ 51·3 N. LONG. 2 5 596 W BAR. 88 5 FT. ABOVE M.S.L.

FALMOUTH. LAT. 50° 9′ 24″ N. LONG. 5 3 30 W. BAR 210 8 FT. ABOVE M.S.L.

STONYHURST. LAT. 53° 50′ 40″ N LONG. 2 28 102 W BAR 360 7 FT ABOVE M.S.L.

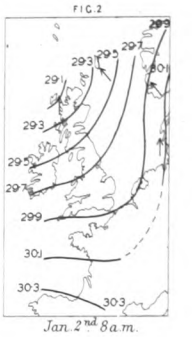
KEW. LAT. 51° 28′ 6″ N LONG. 0 18 47 W BAR 34 0 FT. ABOVE M.S.L.

FIG. 1



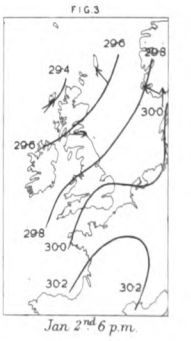
Jan. 1st 8 a.m.

FIG. 2



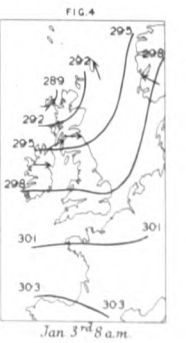
Jan. 2nd 8 a.m.

FIG. 3



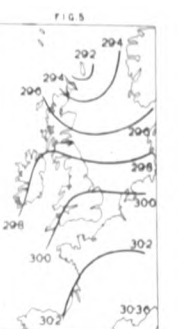
Jan. 2nd 6 p.m.

FIG. 4



Jan. 3rd 8 a.m.

FIG. 5

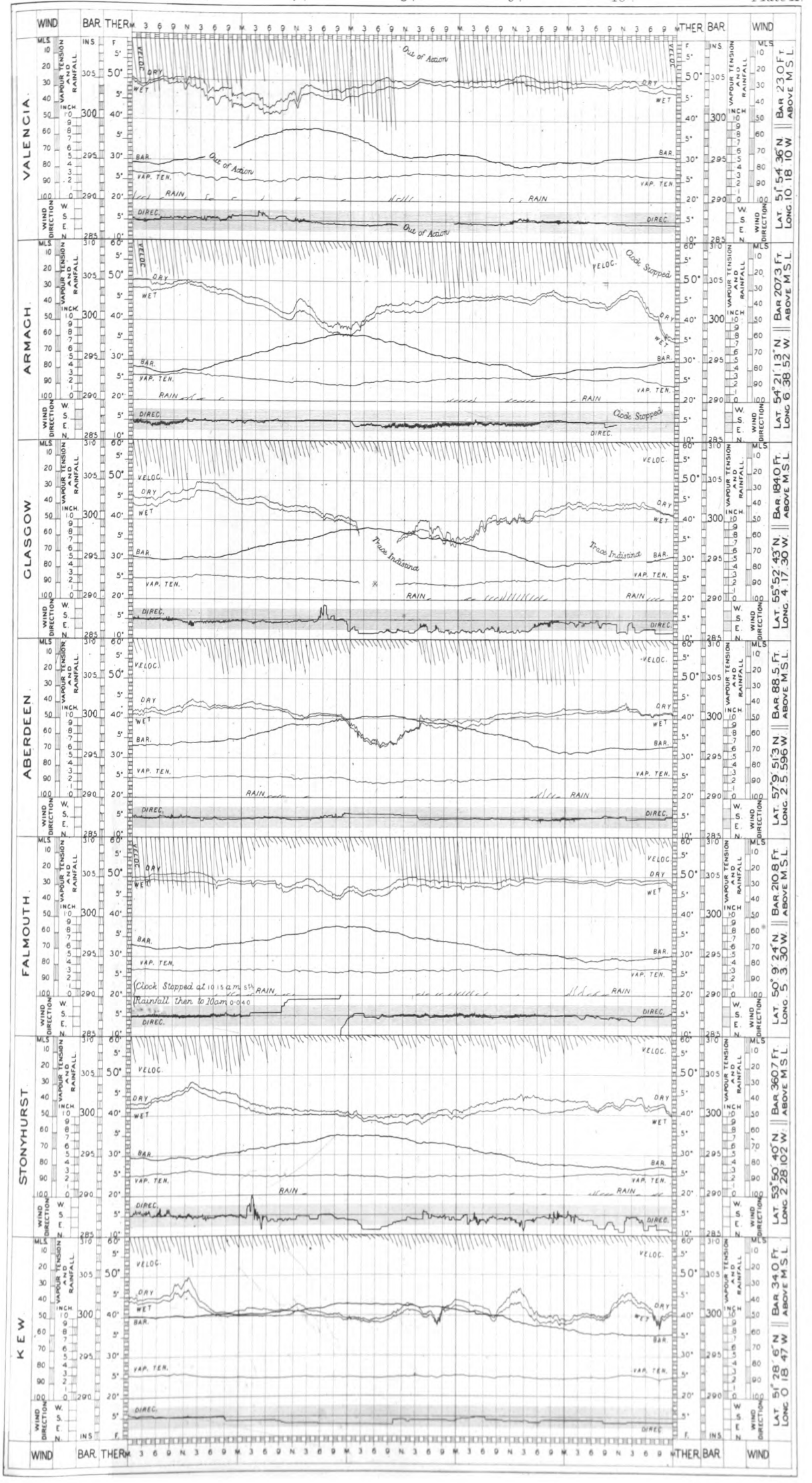


Jan. 3rd 6 p.m.

JANUARY, 1875.

6TH 7TH 8TH 9TH 10TH

Plate II.



JANUARY, 1875.

11TH 12TH 13TH 14TH 15TH

Plate III.

VALENCIA.

Lat. 51° 54' 36" N | Long. 10 18 10 W || Bar. 23.0 Ft above M.S.L.

ARMAGH.

Lat. 54° 21' 13" N | Long. 6 38 52 W || Bar. 207.3 Ft above M.S.L.

GLASGOW.

Lat. 55° 52' 43" N | Long. 4 17 30 W || Bar. 184.0 Ft. above M.S.L.

ABERDEEN.

Lat. 57° 9' 51" N | Long. 2 5 596 W. || Bar. 88.5 Ft. above M.S.L.

FALMOUTH.

Lat. 50° 9' 24" N | Long. 5 3 30 W || Bar. 210.8 Ft. above M.S.L.

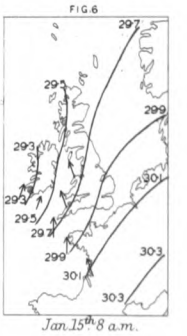
STONYHURST.

Lat. 53° 50' 40" N | Long. 2 28 102 W || Bar. 360.7 Ft above M.S.L.

KEW.

Lat. 51° 28' 6" N | Long. 0 18 47 W || Bar. 34.0 Ft. above M.S.L.

FIG. 6



Jan. 15th 8 a.m.

JANUARY, 1875.

16TH 17TH 18TH 19TH 20TH Plate IV.

WIND BAR. THER. M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M THER. BAR. WIND

VALENCIA.

VELOC. DRY WET BAR. VAP. TEN. RAIN DIREC.

Clock Stopped at 10 a.m. 17th.
Rainfall then to 10am. 18th. 0·240 IN.

VAPOUR TENSION AND RAINFALL — WIND DIRECTION

Lat 51° 54' 36" N Long 10. 18. 10 W || Bar 23.0 Ft. above M.S.L.

ARMAGH.

VELOC. DRY WET VAP. TEN. BAR. RAIN DIREC.

VAPOUR TENSION AND RAINFALL — WIND DIRECTION

Lat 54° 21' 13" N Long 6. 38. 52 W. || Bar 207.3 Ft. above M.S.L.

GLASGOW.

VELOC. DRY WET

Trace Indistinct
Rainfall from 10a.m. to Mid.t 0·200 IN.

VAP. TEN. BAR. RAIN DIREC.

VAPOUR TENSION AND RAINFALL — WIND DIRECTION

Lat 55° 52' 43" N Long 4. 17. 30 W || Bar 184.0 Ft. above M.S.L.

ABERDEEN.

VELOC. DRY WET BAR VAP. TEN RAIN DIREC.

VAPOUR TENSION AND RAINFALL — WIND DIRECTION

Lat. 57° 9' 51' N Long. 2° 5' 596 W || Bar 88.5 Ft. above M.S.L.

FALMOUTH.

VELOC. DRY WET BAR. VAP. TEN. RAIN DIREC.

VAPOUR TENSION AND RAINFALL — WIND DIRECTION

Lat 50° 9' 24" N Long. 5° 3' 30" W. || Bar 210.8 Ft. above M.S.L.

STONYHURST.

VELOC. DRY WET

Clock Stopped.

VAP. TEN. BAR. RAIN DIREC.

VAPOUR TENSION AND RAINFALL — WIND DIRECTION

Lat. 53° 50' 40" N Long.-2° 28' 102 W. || Bar. 360.7 Ft. above M.S.L.

KEW.

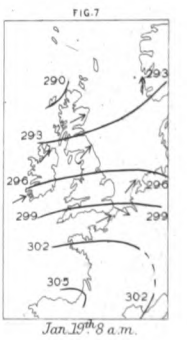
VELOC. DRY WET BAR. VAP. TEN. RAIN DIREC.

VAPOUR TENSION AND RAINFALL — WIND DIRECTION

Lat 51° 28' 6" N Long 0° 18' 47 W || Bar. 34.0 Ft. above M.S.L.

WIND BAR. THER. M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M THER. BAR. WIND

FIG. 7



Jan. 19th 8 a.m.

JANUARY, 1875.

Plate V.

21ST 22ND 23RD 24TH 25TH

WIND BAR. THER M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 THER. BAR. WIND

VALENCIA

LAT. 51° 54' 36" N
LONG. 10 18 10 W
BAR. 23.0 FT. ABOVE M.S.L.

VELOC. DRY WET BAR. VAP. TEN. RAIN DIREC. Light Pailed

ARMAGH

LAT. 54° 21' 13" N
LONG. 6 38 52 W
BAR. 207.3 FT. ABOVE M.S.L.

VELOC. DRY WET BAR. VAP. TEN. RAIN DIREC. Out of Action 28·426

CLASGOW

LAT. 55° 52' 43" N
LONG. 4 17 30 W
BAR. 184.0 FT. ABOVE M.S.L.

VELOC. DRY WET BAR. VAP. TEN. RAIN DIREC. Snow meas.d 10a.m. 21st 0·200 in. Calm 28·459

ABERDEEN

LAT. 57° 9' 51·3 N
LONG. 2 5 59·6 W
BAR. 88.5 FT. ABOVE M.S.L.

VELOC. DRY WET BAR. VAP. TEN. RAIN DIREC. Snow meas.d 10a.m. 22nd 0·330 in.

FALMOUTH

LAT. 50° 9' 24" N
LONG. 5 3 30 W
BAR. 210.8 FT. ABOVE M.S.L.

VELOC. DRY WET BAR. VAP. TEN. RAIN DIREC. 30·73A

STONYHURST

LAT. 53° 50' 40" N
LONG. 2 28 10·2 W
BAR. 360.7 FT. ABOVE M.S.L.

VELOC. DRY WET BAR. VAP. TEN. RAIN DIREC. 28·357

KEW

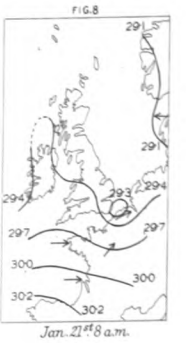
LAT. 51° 28' 6" N
LONG. 0 18 47 W
BAR. 34.0 FT. ABOVE M.S.L.

VELOC. DRY WET BAR. VAP. TEN. RAIN DIREC.

WIND BAR. THER M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 THER. BAR. WIND

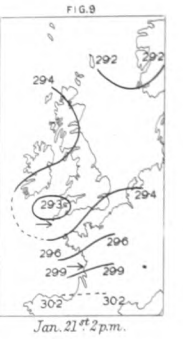
VELOCITY MLS. VAPOUR TENSION AND RAINFALL INCH. BAR. INS. THER. F. WIND DIRECTION W. S. E. N.

FIG. 8



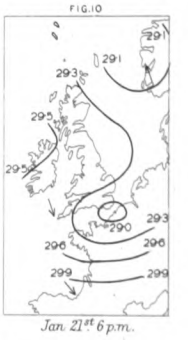
Jan. 21st 8 a.m.

FIG. 9



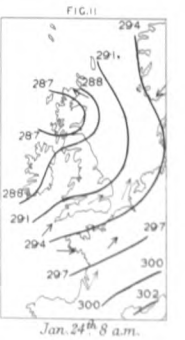
Jan. 21st 2 p.m.

FIG. 10



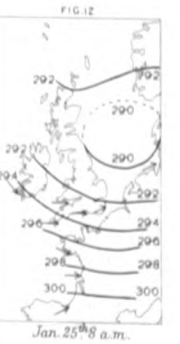
Jan. 21st 6 p.m.

FIG. 11



Jan. 24th 8 a.m.

FIG. 12

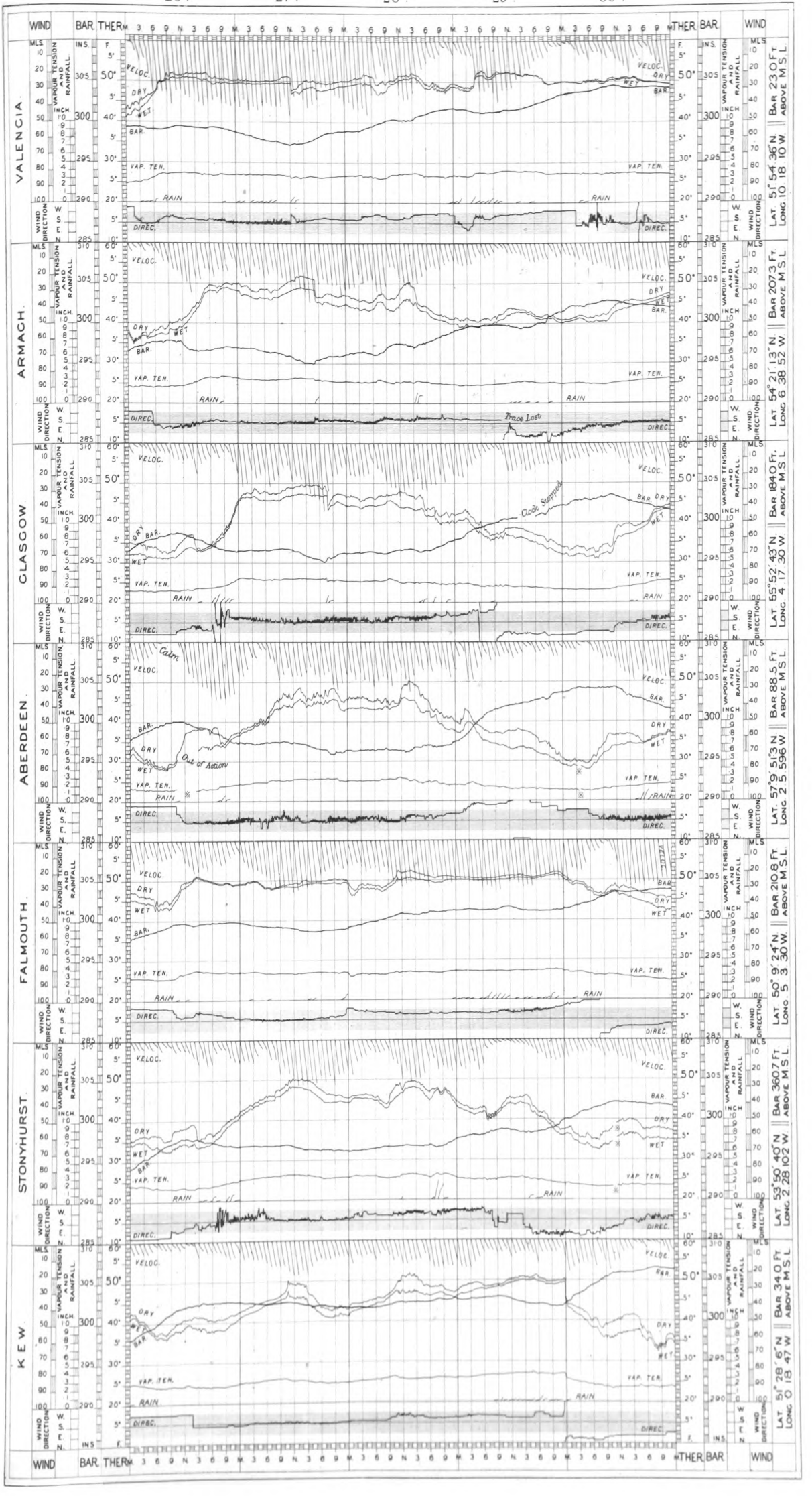


Jan. 25th 8 a.m.

JANUARY, 1875.

26TH 27TH 28TH 29TH 30TH

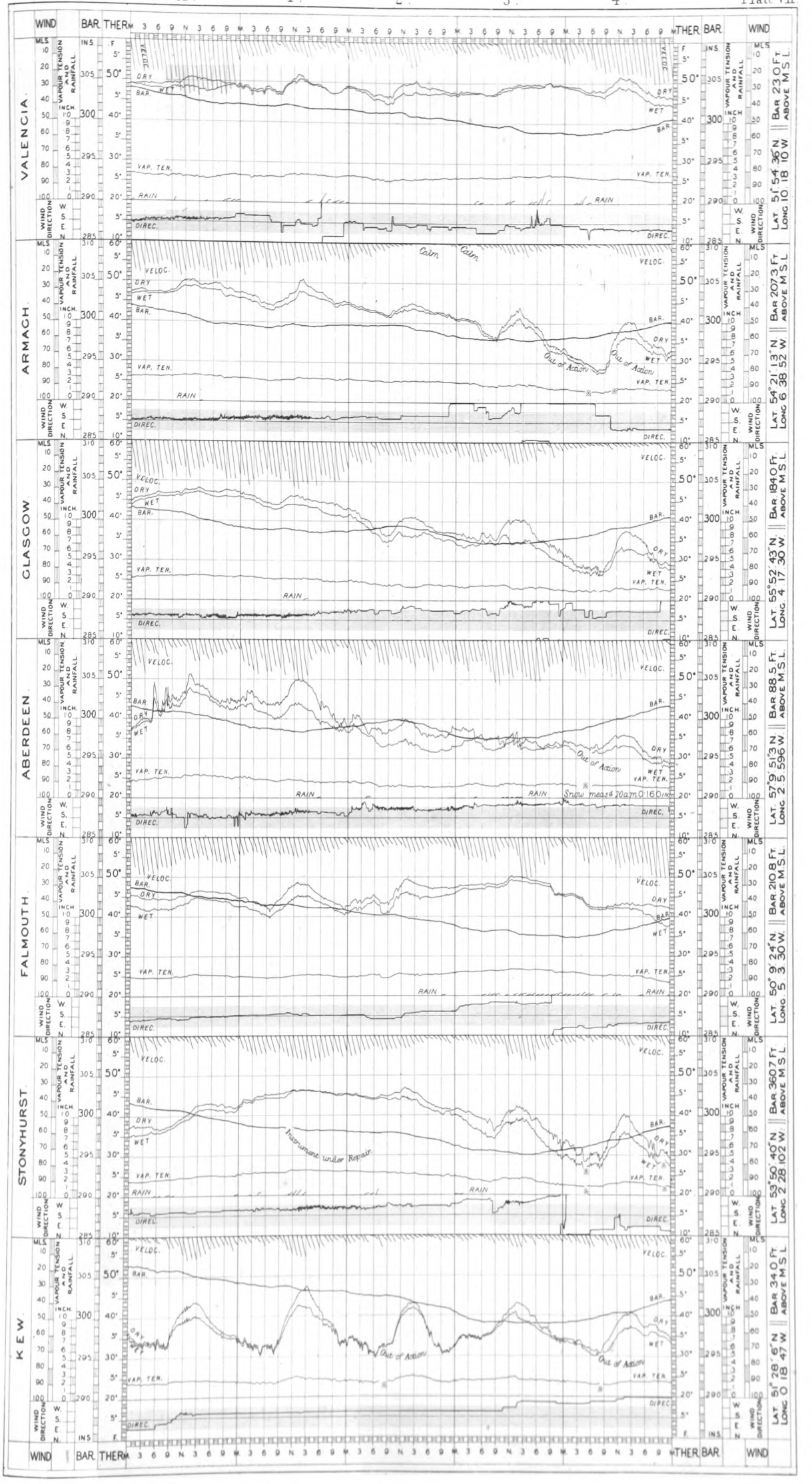
Plate VI.



JANUARY_FEBRUARY,_1875.

31ST 1ST 2ND 3RD 4TH

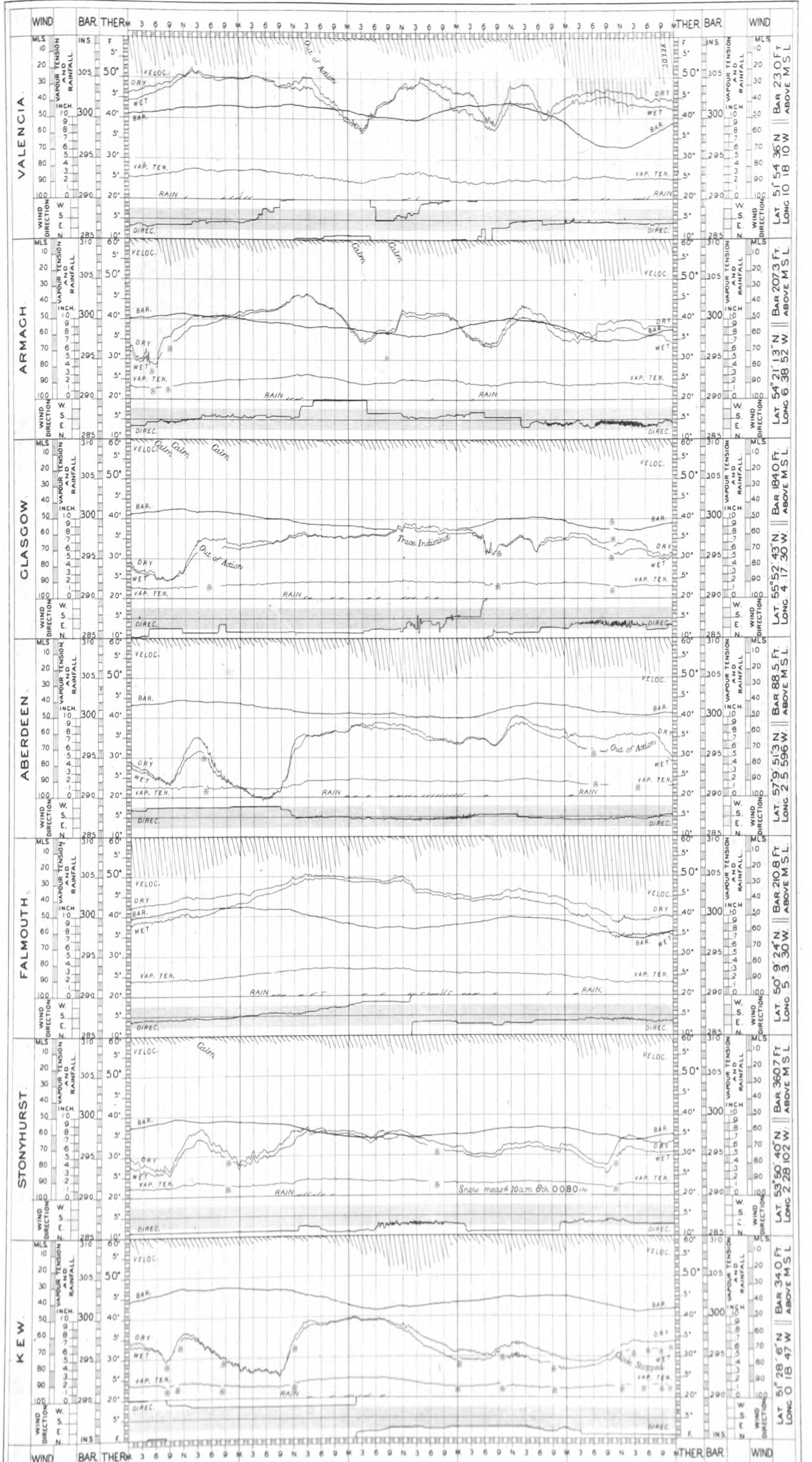
Plate VII



FEBRUARY, 1875.

5TH 6TH 7TH 8TH 9TH

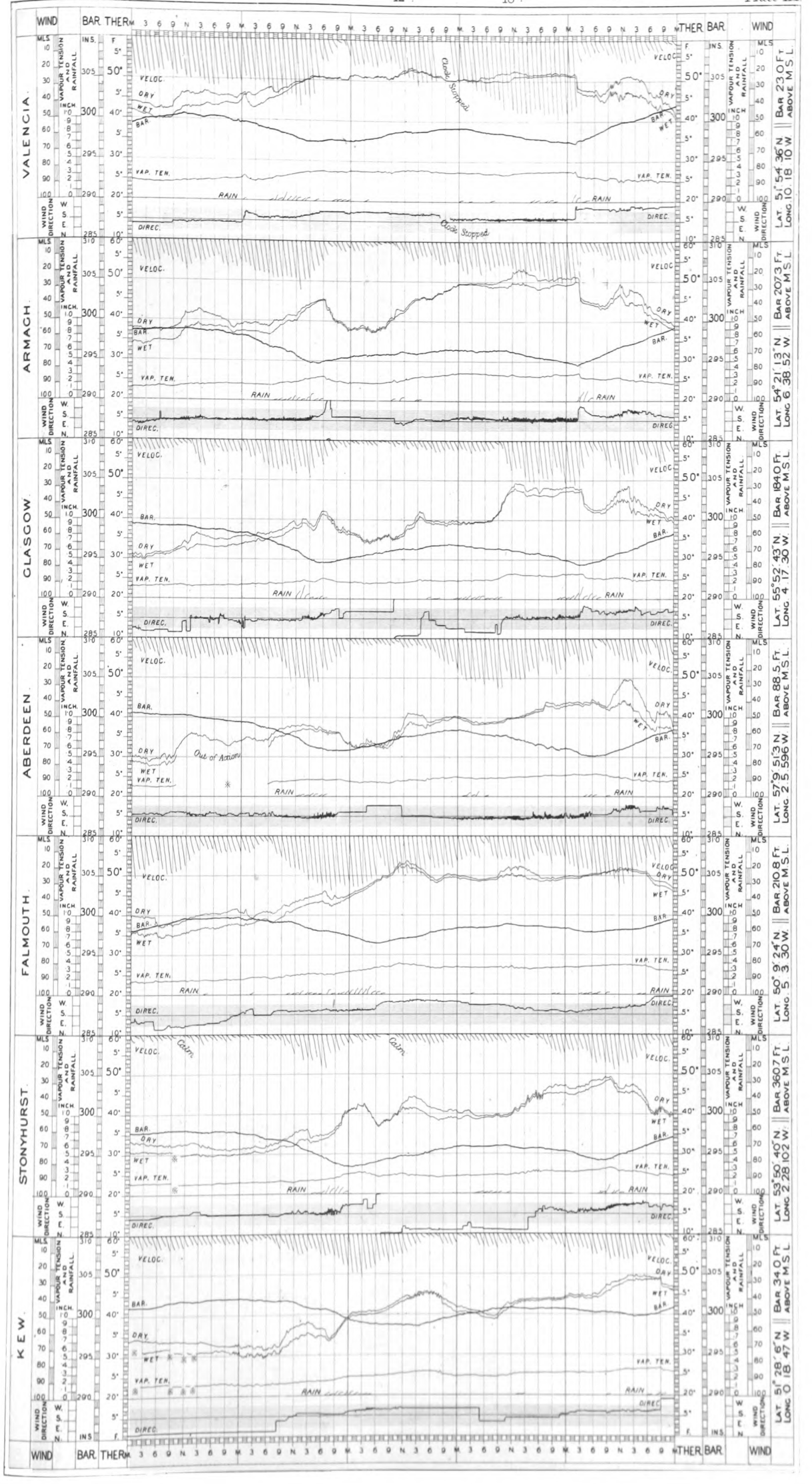
Plate VIII.



FEBRUARY, — 1875.

Plate IX

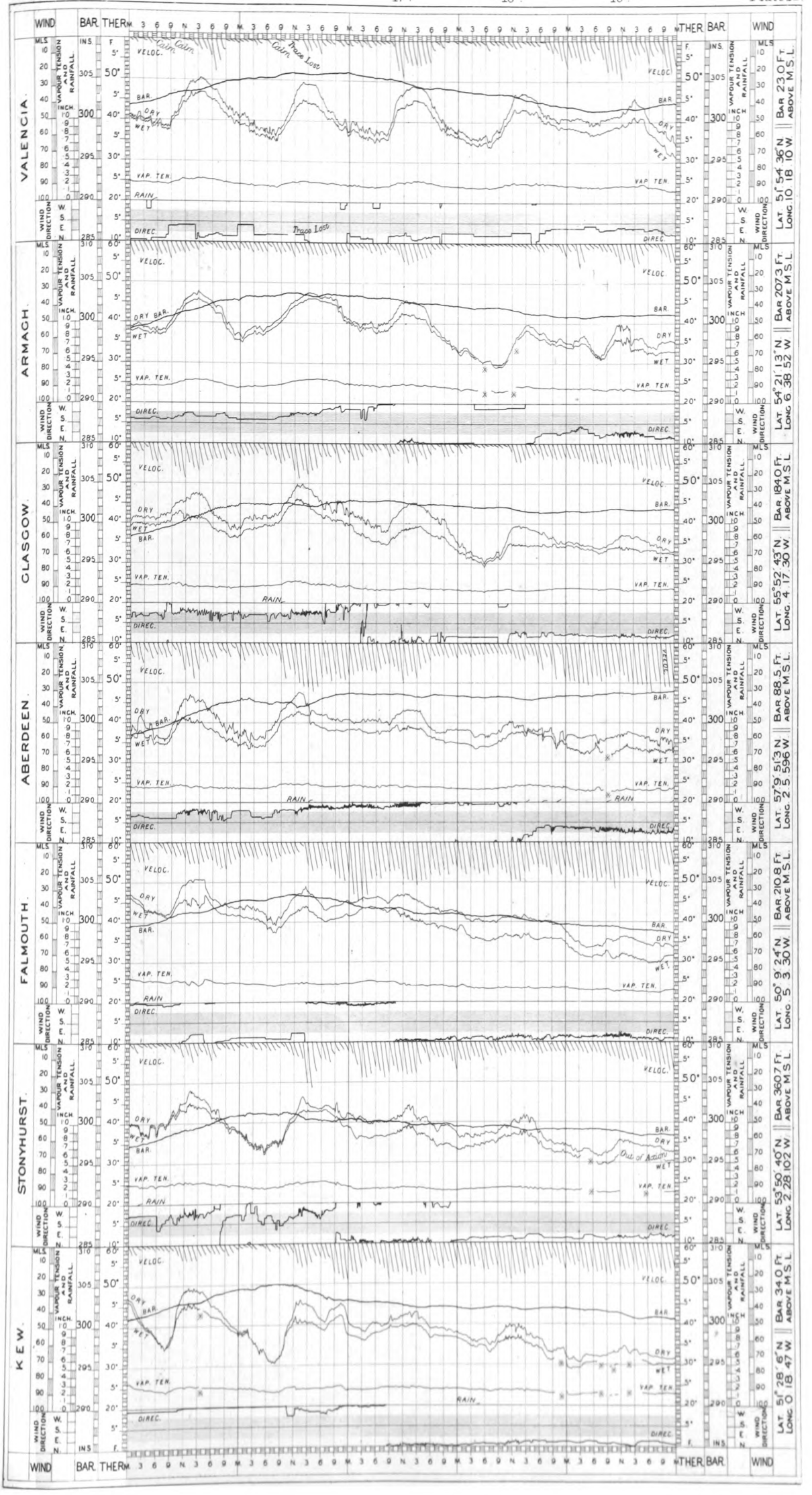
10TH 11TH 12TH 13TH 14TH



FEBRUARY, 1875.

Plate X

15TH 16TH 17TH 18TH 19TH



FEBRUARY, 1875.

20TH 21ST 22ND 23RD 24TH

Plate XI.

VALENCIA.

LAT 51° 54' 36" N
LONG 10 18 10 W

BAR 23.0 FT ABOVE M.S.L.

ARMAGH.

LAT 54° 21' 13" N
LONG 6 38 52 W

BAR 207.3 FT ABOVE M.S.L.

GLASGOW.

LAT 55° 52' 43" N
LONG 4 17 30 W

BAR 184.0 FT. ABOVE M.S.L.

ABERDEEN.

LAT 57° 9' 51.3" N
LONG 2 5 59.6 W

BAR 88.5 FT. ABOVE M.S.L.

Snow meas.d 10 a.m. 24th 0.150 IN.

FALMOUTH.

LAT 50° 9' 24" N
LONG 5 3 30 W

BAR 210.8 FT. ABOVE M.S.L.

STONYHURST.

LAT 53° 50' 40" N
LONG 2 28 10.2 W

BAR 360.7 FT ABOVE M.S.L.

KEW.

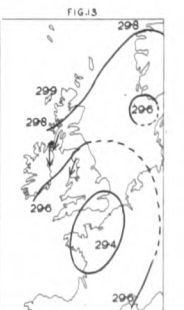
LAT 51° 28' 6" N
LONG 0 18 47 W

BAR 34.0 FT ABOVE M.S.L.

Snow meas.d 10 a.m. 20th 0.060 Snow 21st 0.025

Snow 24th 0.015

FIG. 13



Feb. 24th 8 a.m.

FEBRUARY_MARCH, 1875.

25TH 26TH 27TH 28TH 1ST

Plate XII

WIND BAR. THERM 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 W THER. BAR. WIND

VALENCIA.

VELOC. DRY WET BAR. VAP. TEN. RAIN DIREC.

Snow meas.d 10a.m. 25th 0·017 IN.

Lat. 51° 54′ 36″ N Long. 10 18 10 W | Bar. 23.0 Ft. above M.S.L.

ARMAGH.

VELOC. DRY WET BAR. VAP. TEN. RAIN DIREC.

Out of Action

Lat. 54° 21′ 13″ N Long. 6 38 52 W | Bar. 207.3 Ft. above M.S.L.

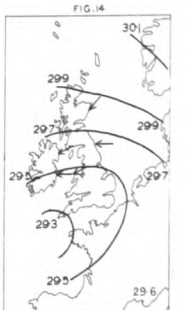
GLASGOW.

VELOC. DRY WET BAR. VAP. TEN. RAIN DIREC.

Clock Stopped

Lat. 55° 52′ 43″ N. Long. 4 17 30 W. | Bar. 184.0 Ft. above M.S.L.

FIG. 14



Feb. 25th 8 a.m.

ABERDEEN.

VELOC. DRY WET BAR. VAP. TEN. RAIN DIREC.

Out of Action

Lat. 57° 9′ 5′ 3″ N Long. 2 5 596 W. | Bar. 88.5 Ft. above M.S.L.

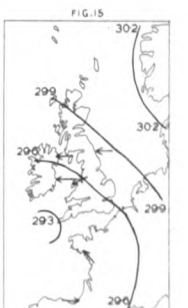
FALMOUTH.

VELOC. DRY WET BAR. VAP. TEN. RAIN DIREC.

Light Failed

Lat. 50° 9′ 24″ N Long. 5 3 30 W. | Bar. 210.8 Ft. above M.S.L.

FIG. 15



Feb. 26th 8 a.m.

STONYHURST.

VELOC. DRY WET BAR. VAP. TEN. RAIN DIREC.

Snow meas.d 10a.m. 25th 0·025 IN.

Snow 26th 0·037 IN.

Lat. 53° 50′ 40″ N Long. 2 28 102 W. | Bar. 360.7 Ft. above M.S.L.

KEW.

VELOC. DRY WET BAR. VAP. TEN. RAIN DIREC.

Out of Action

Snow meas.d 10a.m. 25th 0·035 IN.

Snow 26th 0·048 IN.

Lat. 51° 28′ 6″ N Long. 0 18 47 W | Bar. 34.0 Ft. above M.S.L.

WIND BAR. THERM 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 W THER. BAR. WIND

MARCH, 1875.

Plate XIII.

2ND 3RD 4TH 5TH 6TH

WIND BAR. THER. M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 THER. BAR. WIND

VALENCIA.

LAT. 51° 54' 36" N
LONG. 10 18 10 W
BAR. 23.0 FT ABOVE M.S.L.

ARMAGH

LAT. 54° 21' 13" N
LONG. 6 38 52 W
BAR. 207.3 FT ABOVE M.S.L.

GLASGOW.

LAT. 55° 52' 43" N
LONG. 4 17 30 W.
BAR. 184.0 FT. ABOVE M.S.L.

ABERDEEN.

LAT. 57° 9' 51" N
LONG. 2 5 59 W
BAR. 88.5 FT. ABOVE M.S.L.

FALMOUTH.

LAT. 50° 9' 24" N
LONG. 5 3 30 W
BAR. 210.8 FT ABOVE M.S.L.

STONYHURST.

LAT. 53° 50' 40" N
LONG. 2 28 102 W
BAR. 360.7 FT. ABOVE M.S.L.

KEW.

LAT. 51° 28' 6" N
LONG. 0 18 47 W
BAR. 34.0 FT. ABOVE M.S.L.

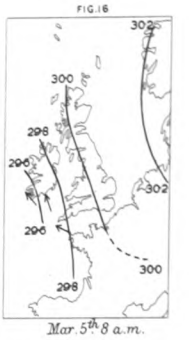
VELOC. DRY WET BAR. VAP. TEN. RAIN DIREC.

Out of Action

Snow measd 10 a.m. 3rd 0.010 in.

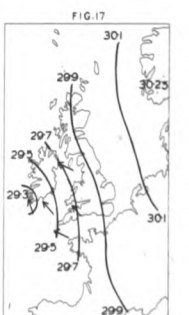
Snow measd 10 a.m. 2nd 0.015 in.

FIG. 16



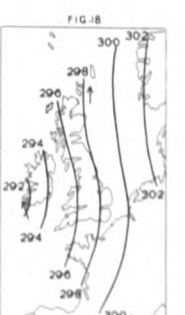
Mar. 5th 8 a.m.

FIG. 17



Mar. 5th 6 p.m.

FIG. 18



Mar. 6th 8 a.m.

MARCH, 1875.

7TH 8TH 9TH 10TH 11TH

Plate XIV.

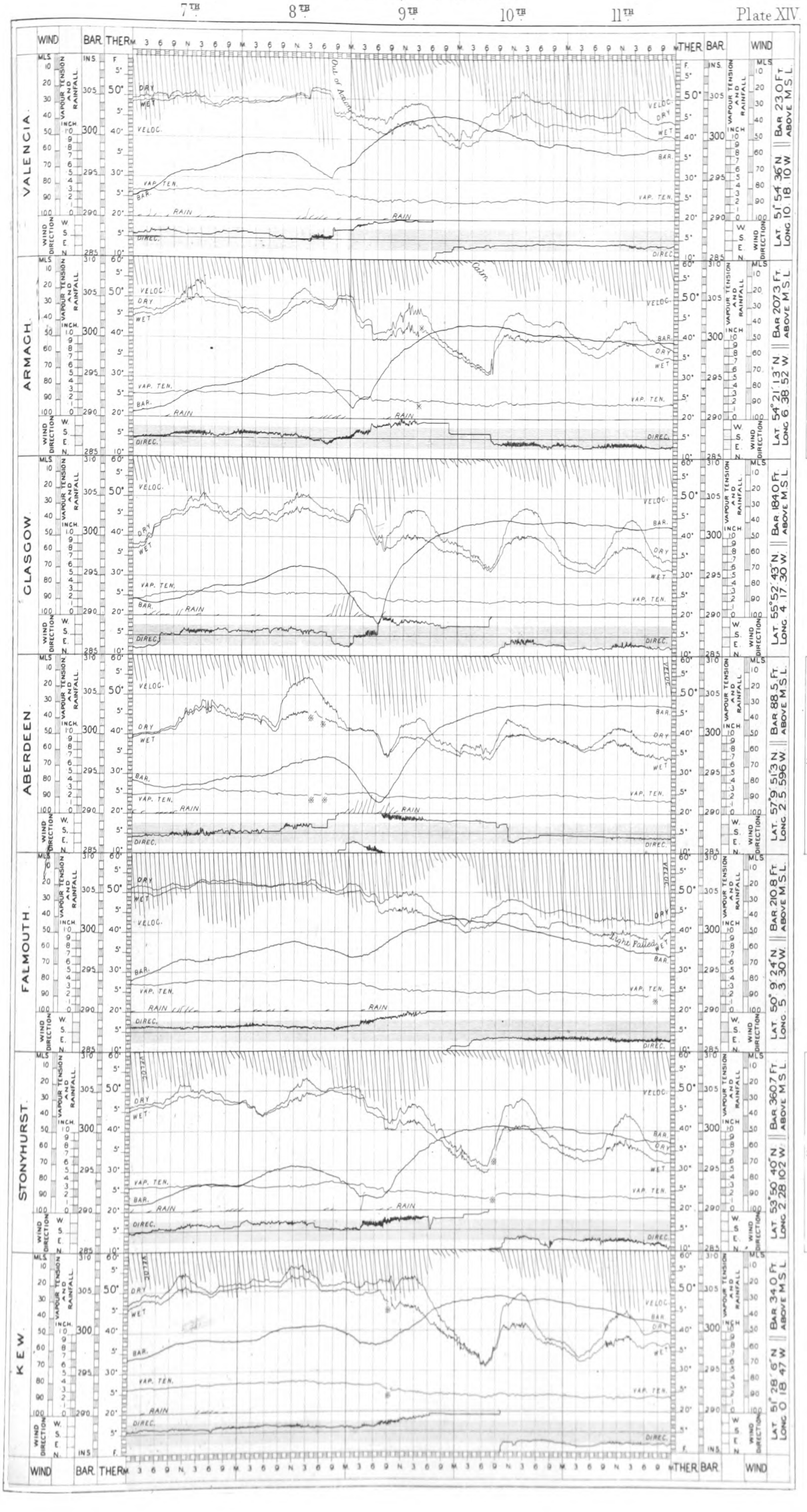
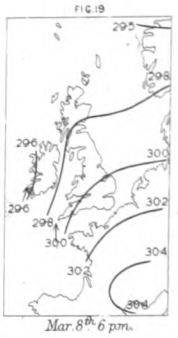
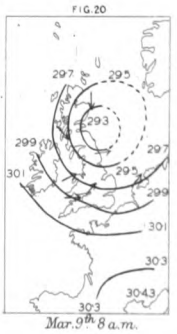


FIG. 19



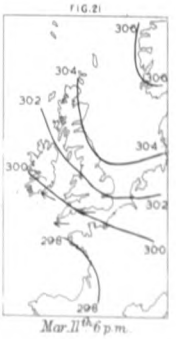
Mar. 8th 6 p.m.

FIG. 20



Mar. 9th 8 a.m.

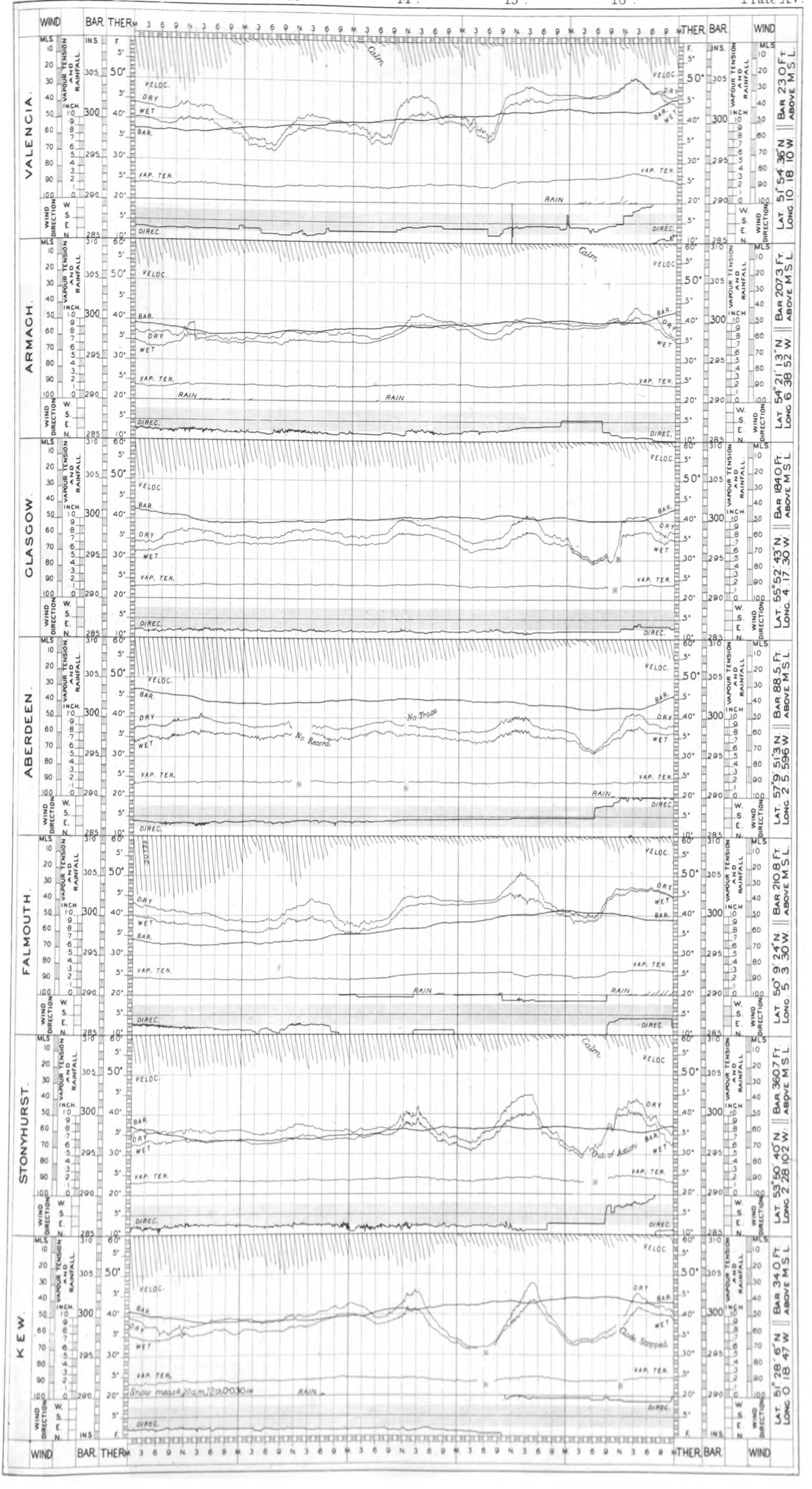
FIG. 21



Mar. 11th 6 p.m.

MARCH, 1875.

12TH 13TH 14TH 15TH 16TH Plate XV.



MARCH, 1875.

17TH 18TH 19TH 20TH 21ST Plate XVI.

WIND BAR. THER M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M THER. BAR. WIND

VALENCIA.

MLS. INS. F. VELOC. BAR. DRY WET VAP. TEN. RAIN DIREC. VAPOUR TENSION AND RAINFALL INCH. WIND DIRECTION W. S. E. N.

Storm Calm Calm

LAT. 51° 54' 36" N. LONG. 10 18 10 W. BAR. 23.0 FT. ABOVE M.S.L.

ARMAGH.

Calm Calm

LAT. 54° 21' 13" N. LONG. 6 38 52 W. BAR. 207.3 FT. ABOVE M.S.L.

GLASGOW.

No Trace

LAT. 55° 52' 43" N. LONG. 4 17 30 W. BAR. 184.0 FT. ABOVE M.S.L.

ABERDEEN.

207.3A

Out of Action Out of Action

LAT. 57° 9' 51.3 N. LONG. 2 5 59.6 W. BAR. 88.5 FT. ABOVE M.S.L.

FALMOUTH.

LAT. 50° 9' 24" N. LONG. 5 3 30 W. BAR. 210.8 FT. ABOVE M.S.L.

STONYHURST.

Clock Stopped
Rainfall meas.d 10 a.m. 19th. 0·040

LAT. 53° 50' 40" N. LONG. 2 28 102 W. BAR. 360.7 FT. ABOVE M.S.L.

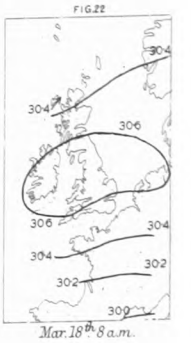
KEW.

No Trace

LAT. 51° 28' 6" N. LONG. 0 18 47 W. BAR. 34.0 FT. ABOVE M.S.L.

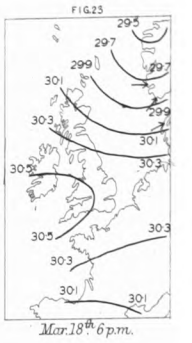
WIND BAR. THER M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M THER. BAR. WIND

FIG. 22



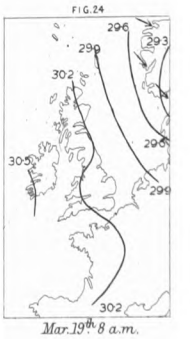
Mar. 18th 8 a.m.

FIG. 23



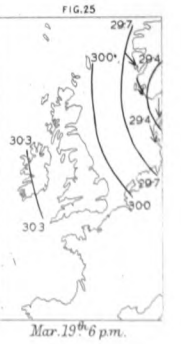
Mar. 18th 6 p.m.

FIG. 24



Mar. 19th 8 a.m.

FIG. 25



Mar. 19th 6 p.m.

MARCH, 1875.

22ND 23RD 24TH 25TH 26TH

Plate XVII.

VALENCIA.

Lat. 51° 54′ 36″ N
Long. 10° 18′ 10″ W
Bar. 23.0 Ft. above M.S.L.

ARMAGH.

Lat. 54° 21′ 13″ N
Long. 6° 38′ 52″ W
Bar. 207.3 Ft. above M.S.L.

GLASGOW.

Lat. 55° 52′ 43″ N.
Long. 4° 17′ 30″ W.
Bar. 184.0 Ft. above M.S.L.

ABERDEEN.

Lat. 57° 9′ 51″ N
Long. 2° 5′ 59″ W.
Bar. 88.5 Ft. above M.S.L.

FALMOUTH.

Lat. 50° 9′ 24″ N.
Long. 5° 3′ 30″ W.
Bar. 210.8 Ft. above M.S.L.

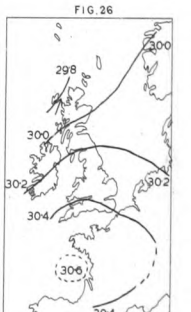
STONYHURST.

Lat. 53° 50′ 40″ N.
Long. 2° 28′ 102″ W.
Bar. 360.7 Ft. above M.S.L.

KEW.

Lat. 51° 28′ 6″ N
Long. 0° 18′ 47″ W
Bar. 34.0 Ft. above M.S.L.

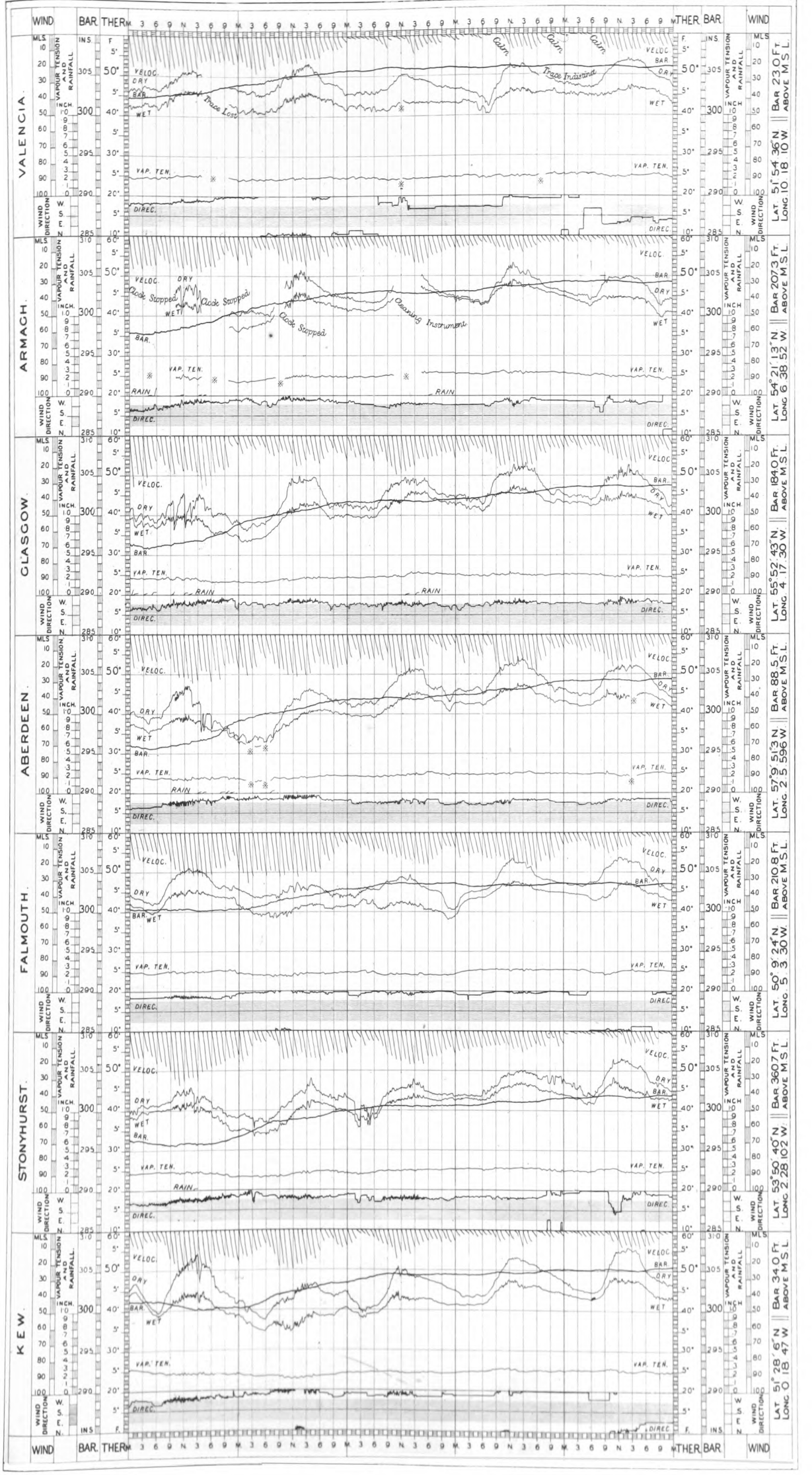
FIG. 26



Mar. 25th 8 a.m.

MARCH, 1875.

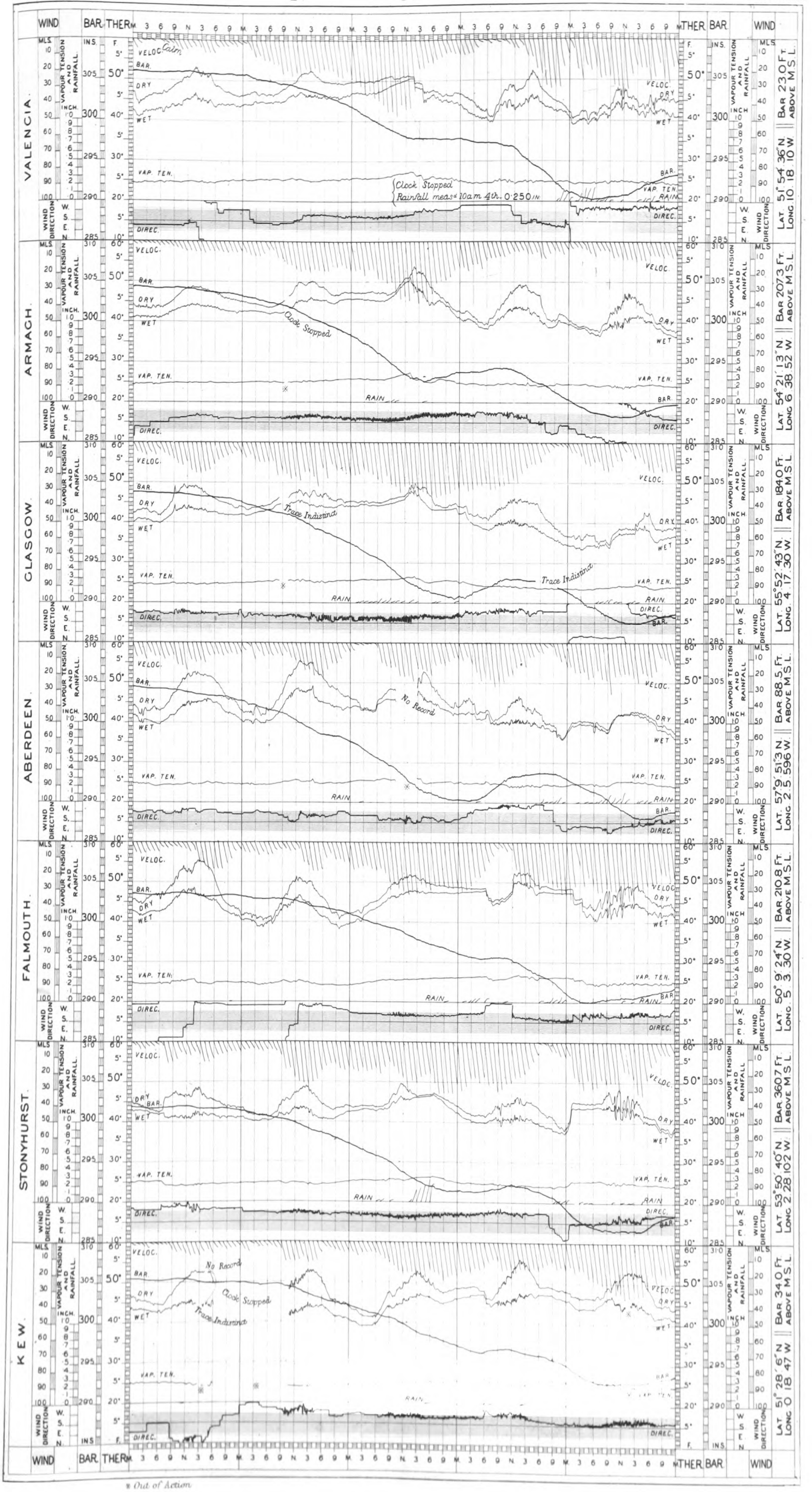
27TH 28TH 29TH 30TH 31ST Plate XVIII.



APRIL, 1875.

1ST 2ND 3RD 4TH 5TH

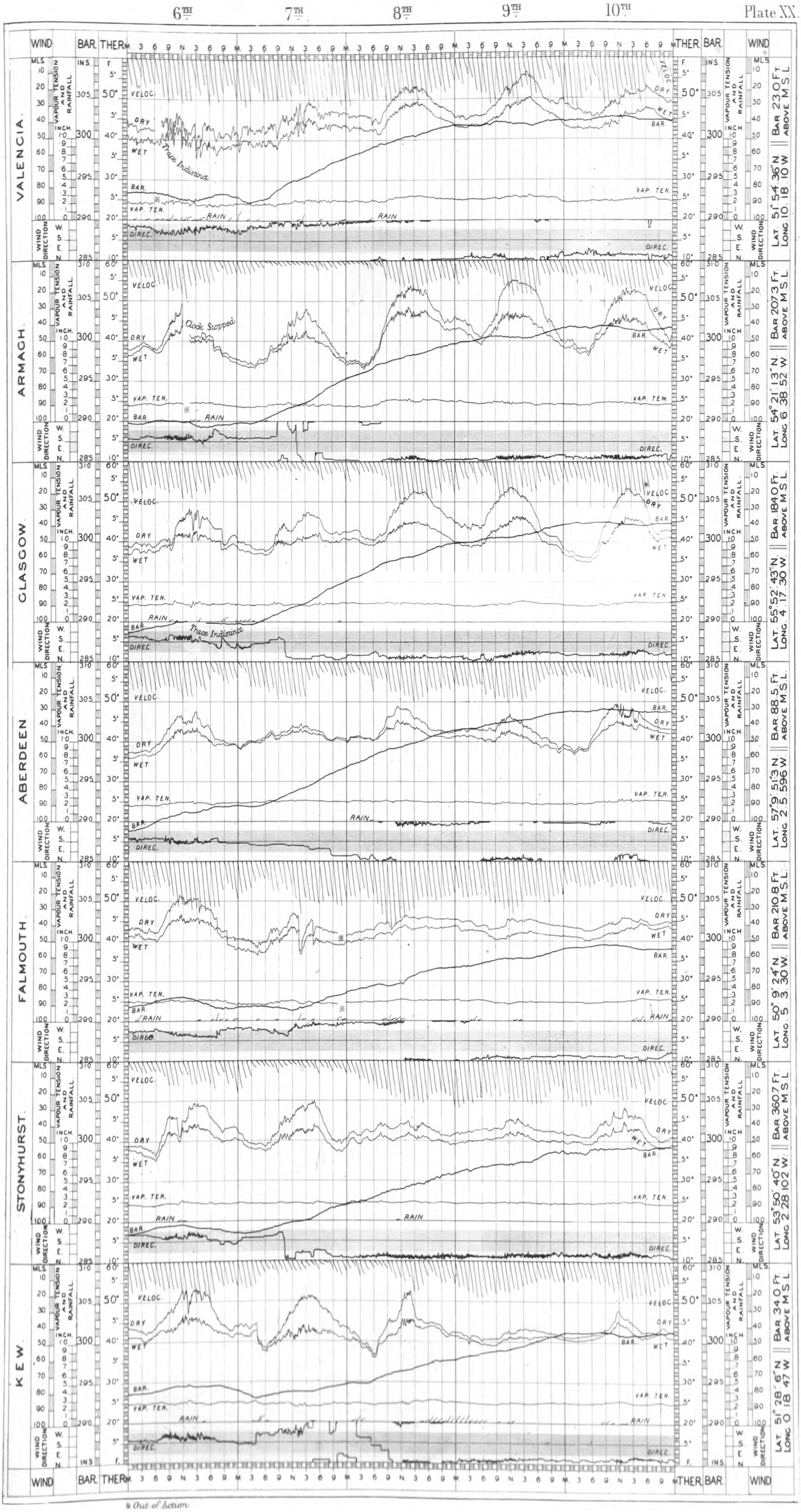
Plate XIX.



* Out of Action.

APRIL, — 1875.

Plate XX.

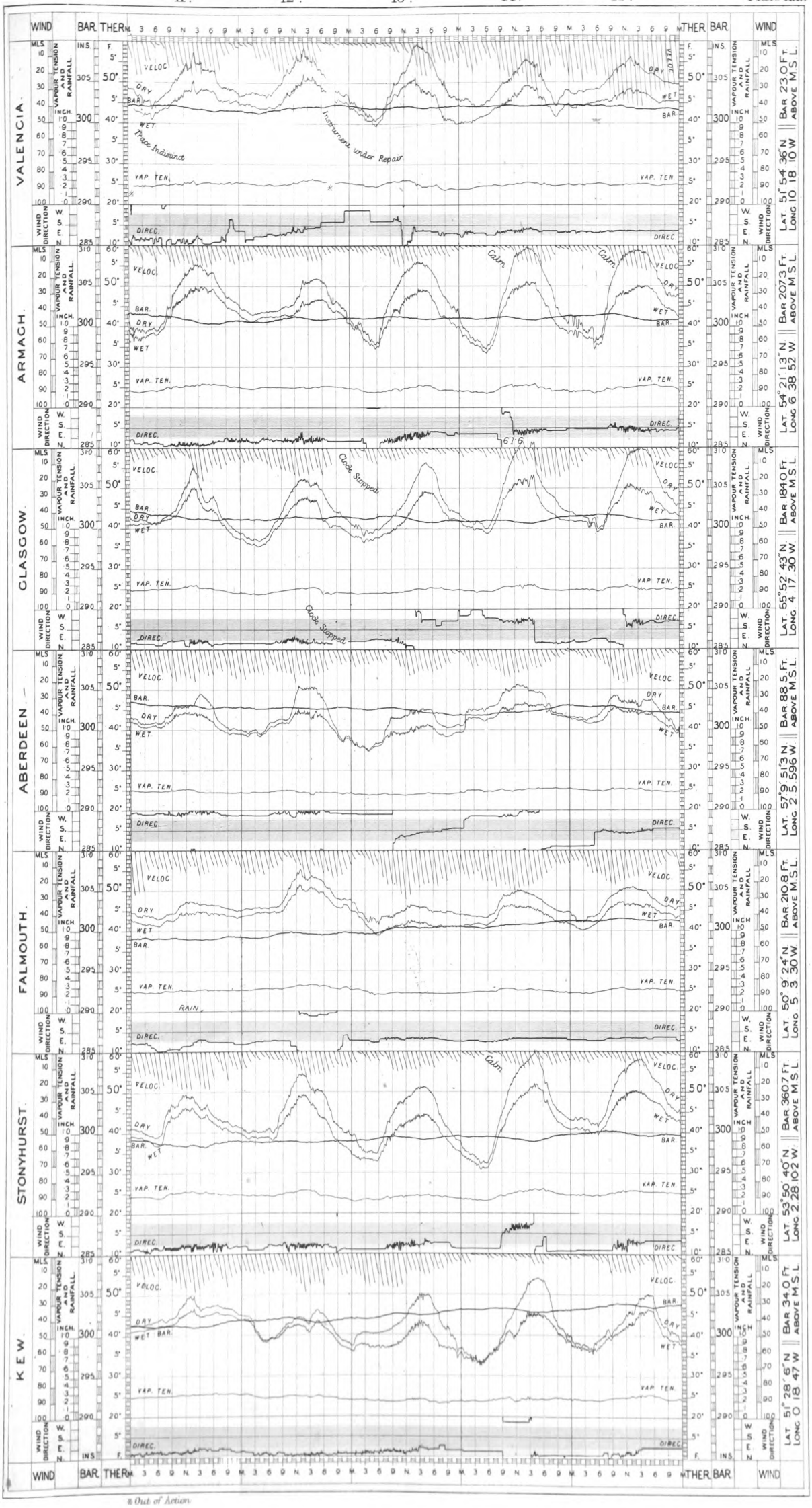


※ Out of Action

APRIL, — 1875.

11TH 12TH 13TH 14TH 15TH

Plate XXI.

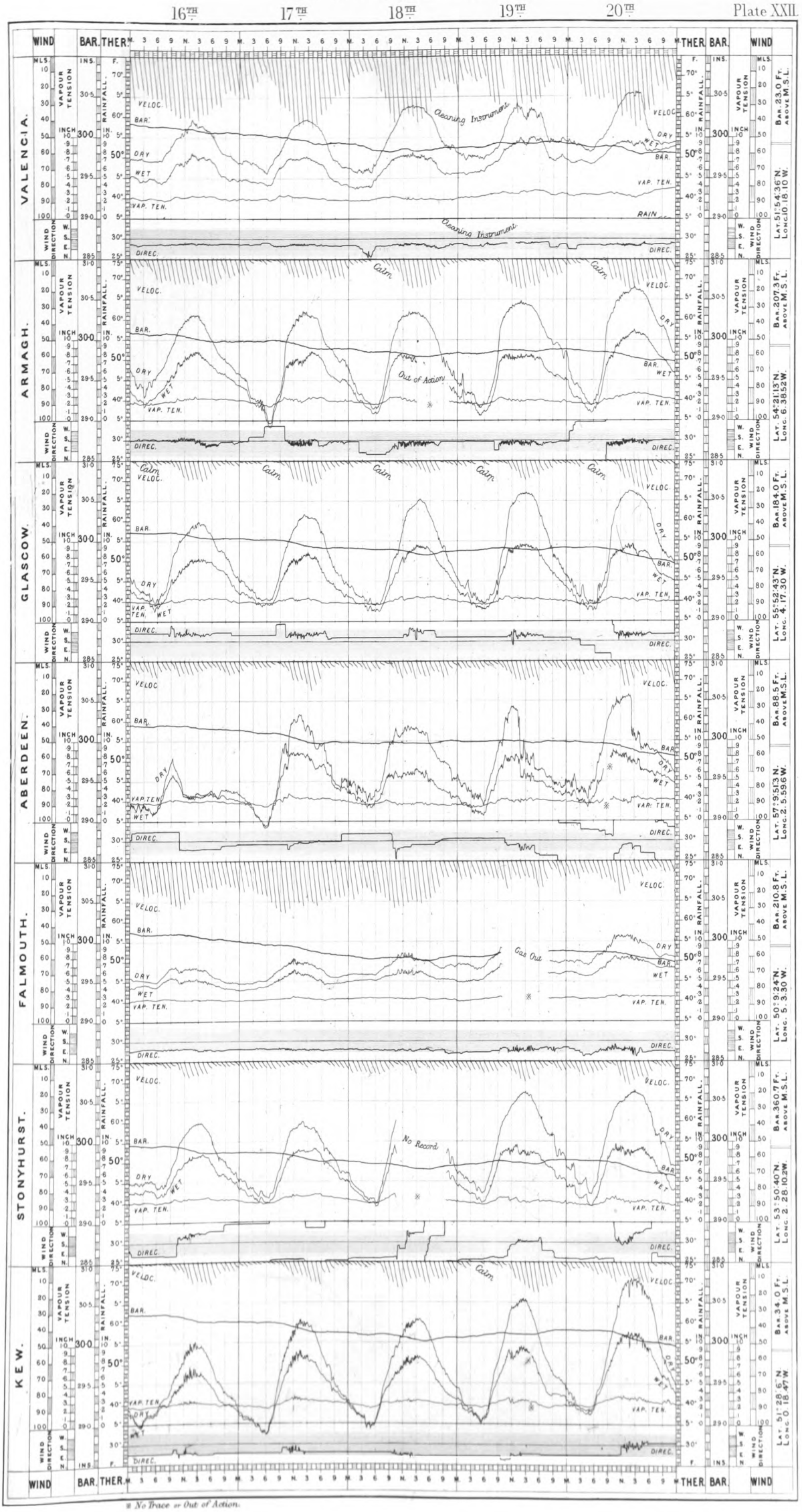


* Out of Action

APRIL. — 1875

16TH 17TH 18TH 19TH 20TH

Plate XXII.

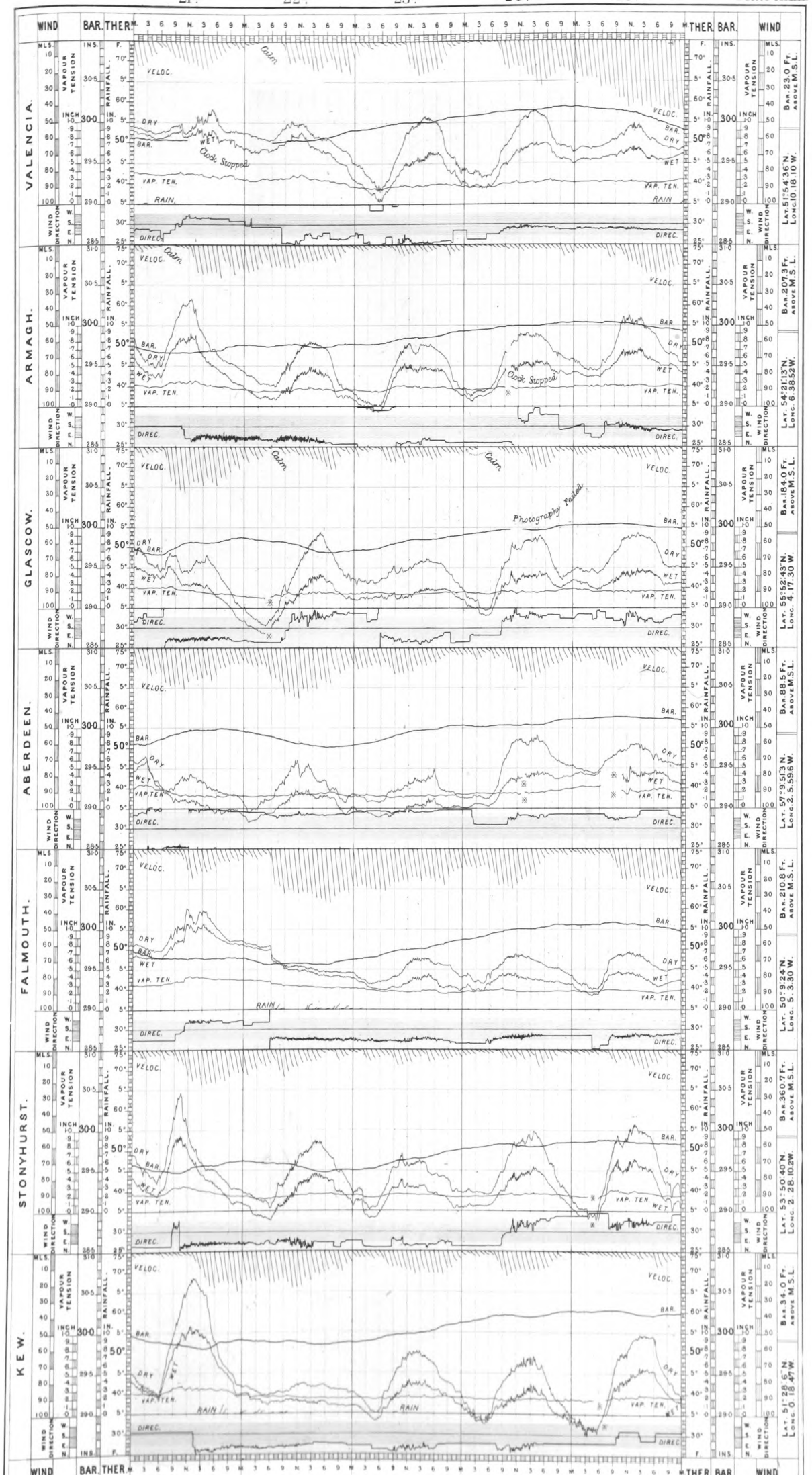


* No Trace or Out of Action.

APRIL, 1875.

21ST 22ND 23RD 24TH 25TH

Plate XXIII.

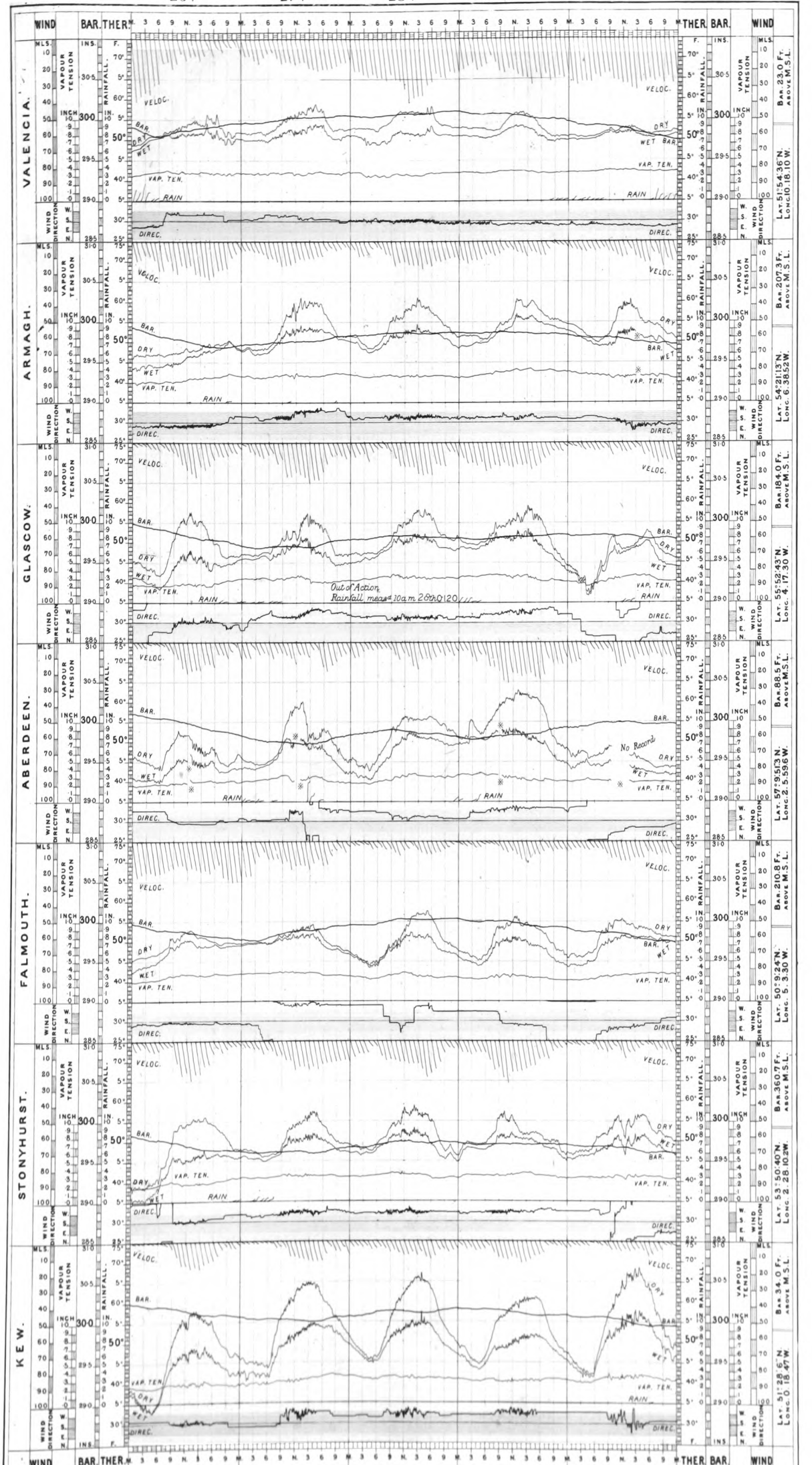


* No Trace or Out of Action.

APRIL, — 1875

26TH 27TH 28TH 29TH 30TH

Plate XXIV.

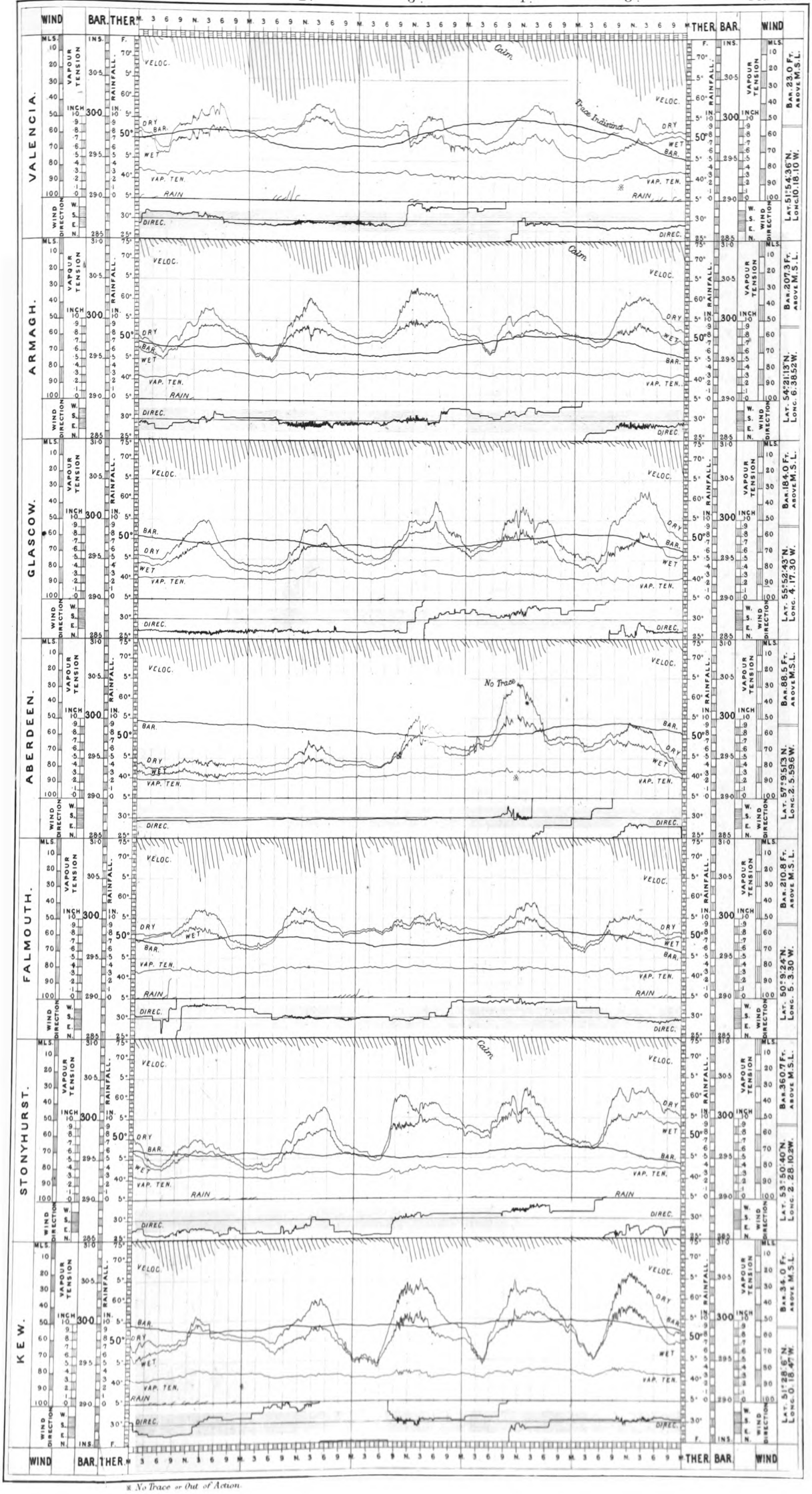


* No Trace or Out of Action.

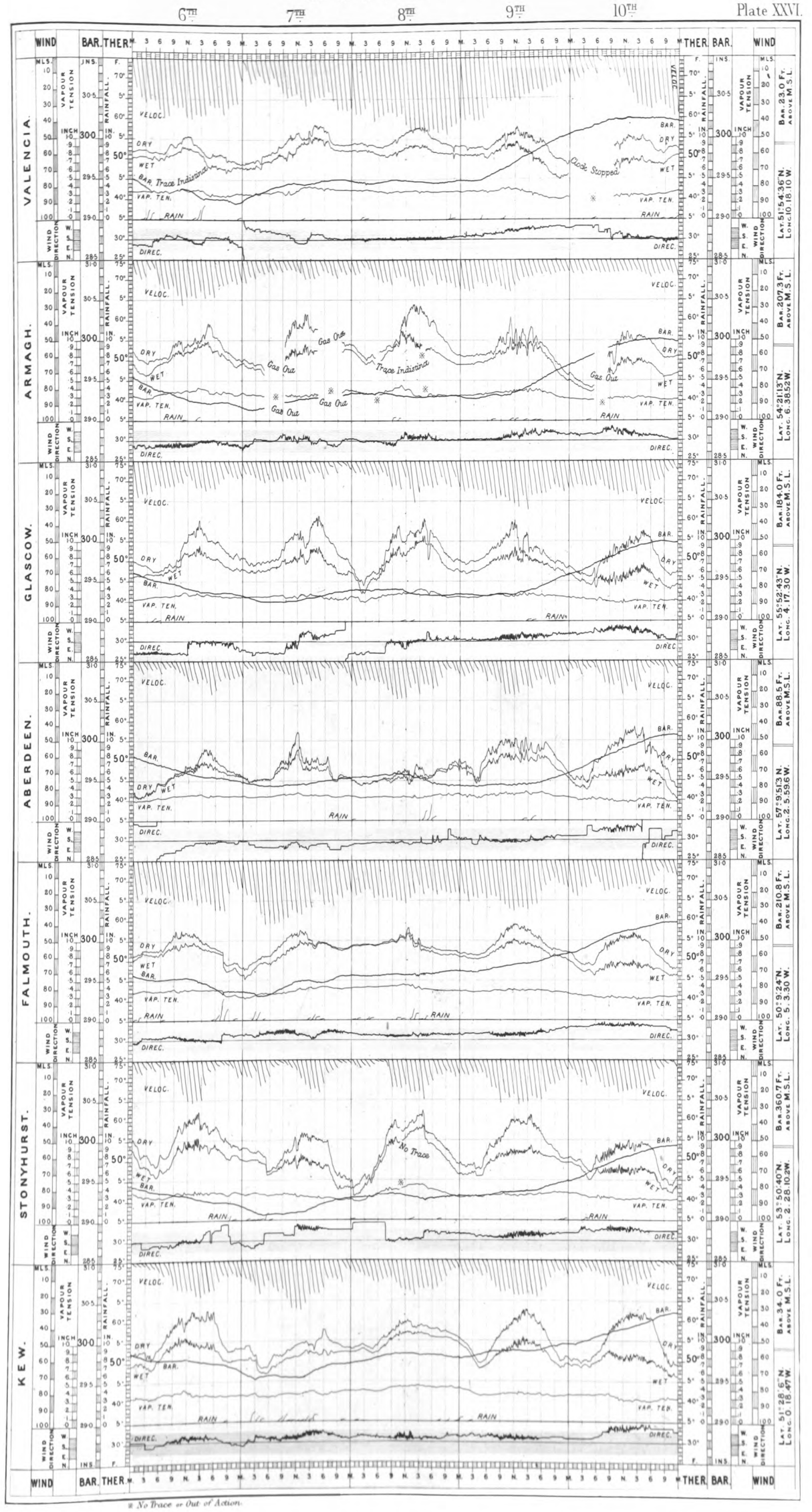
MAY.—1875.

1ST 2ND 3RD 4TH 5TH

Plate XXV.

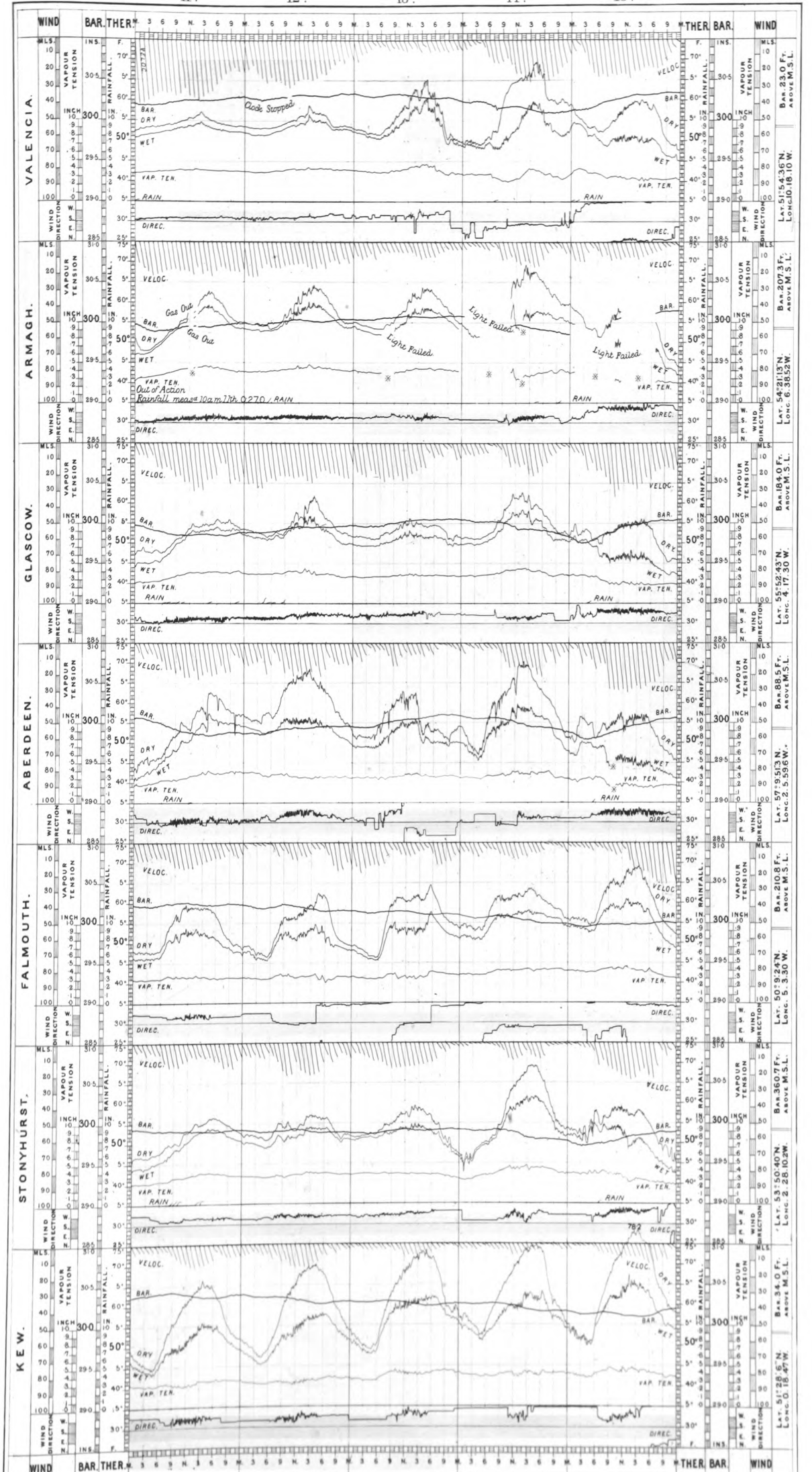


※ No Trace or Out of Action.


WIND
BAR.
THER.
VALENCIA.
Bar. 23.0 Ft. above M.S.L.
Lat. 51° 54' 36" N. Long. 10. 18. 10 W.
ARMAGH.
Bar. 207.3 Ft. above M.S.L.
Lat. 54° 21' 13" N. Long. 6. 38. 52 W.
GLASCOW.
Bar. 184.0 Ft. above M.S.L.
Lat. 55° 52' 43" N. Long. 4. 17. 30 W.
ABERDEEN.
Bar. 88.5 Ft. above M.S.L.
Lat. 57° 9' 51" N. Long. 2. 5. 55 W.
FALMOUTH.
Bar. 210.8 Ft. above M.S.L.
Lat. 50° 9' 34" N. Long. 5. 3. 30 W.
STONYHURST.
Bar. 360.7 Ft. above M.S.L.
Lat. 53° 50' 40" N. Long. 2. 28. 10 W.
KEW.
Bar. 34.0 Ft. above M.S.L.
Lat. 51° 28' 6" N. Long. 0. 18. 49 W.
VELOC.
DRY
WET
BAR.
VAP. TEN.
RAIN
DIREC.
VAPOUR TENSION
RAINFALL.
WIND DIRECTION
Clock Stopped.
Trace Indistinct.
Gas Out
No Trace
* No Trace or Out of Action.

MAY, — 1875.

Plate XXVII.



* No Trace or Out of Action.

MAY, 1875.

16TH 17TH 18TH 19TH 20TH

Plate XXVIII.

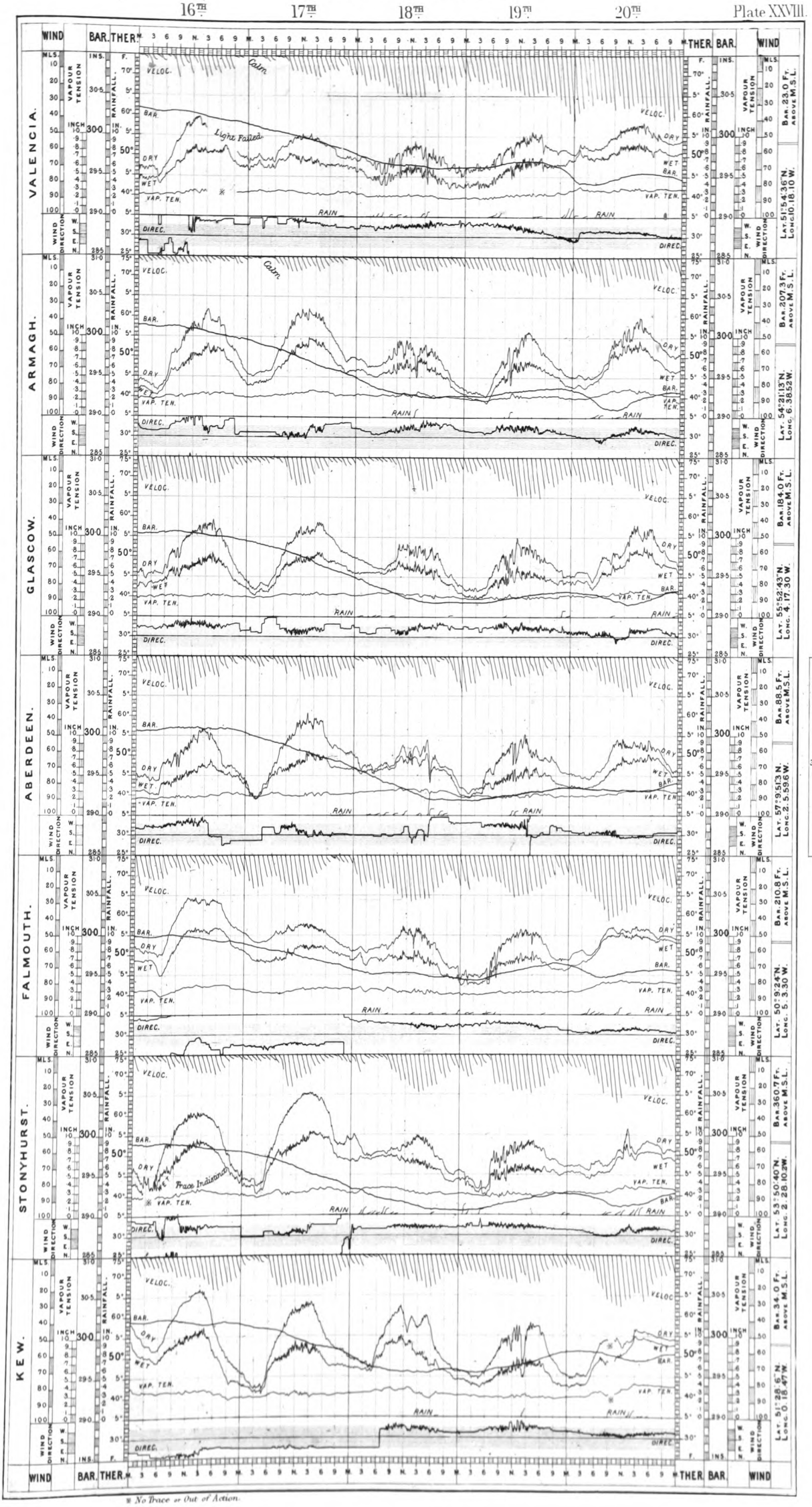
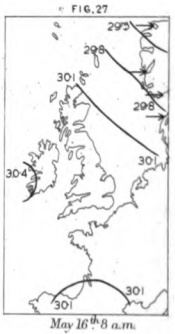


FIG. 27



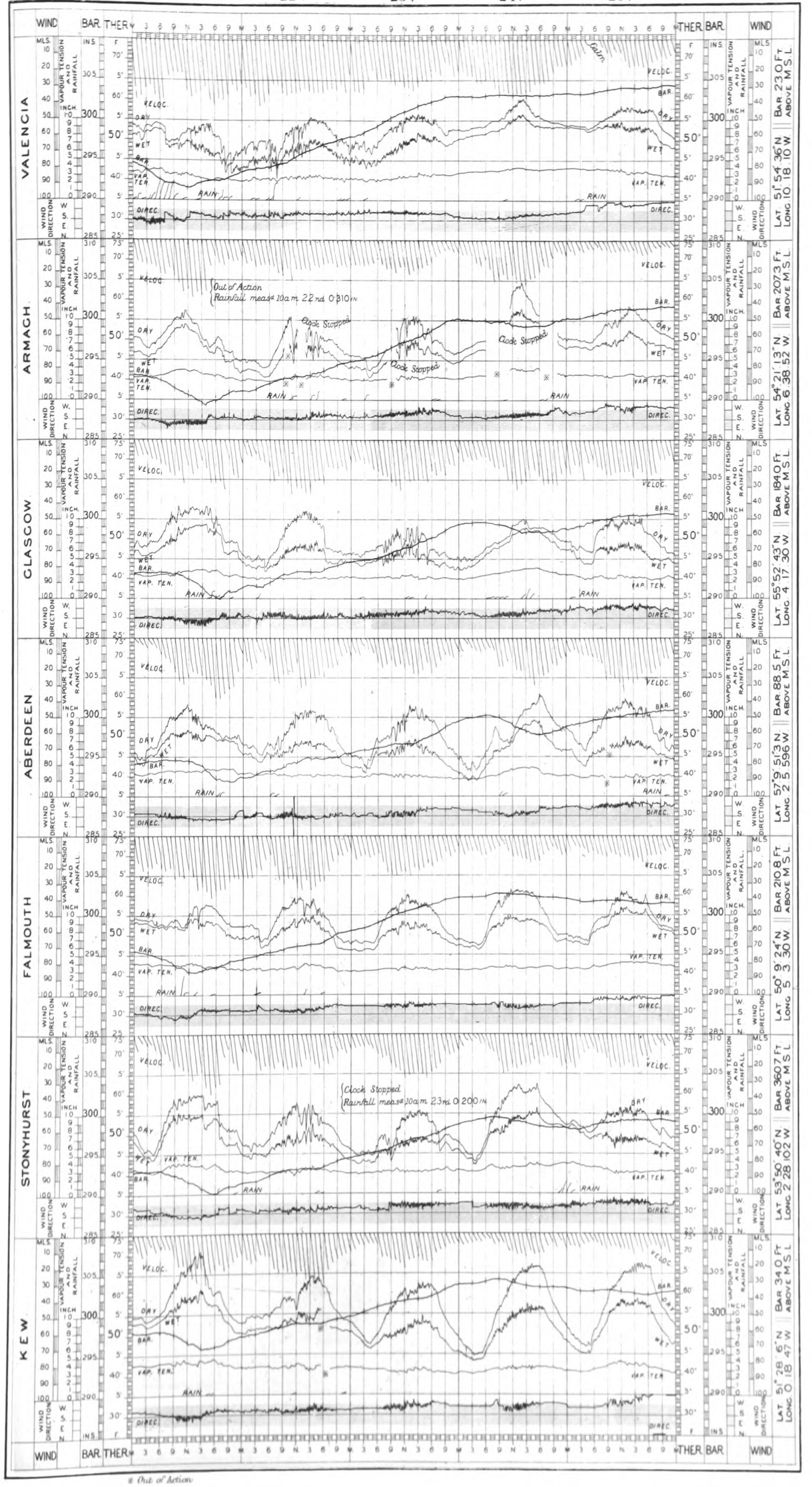
May 16th 8 a.m.

* No Trace or Out of Action.

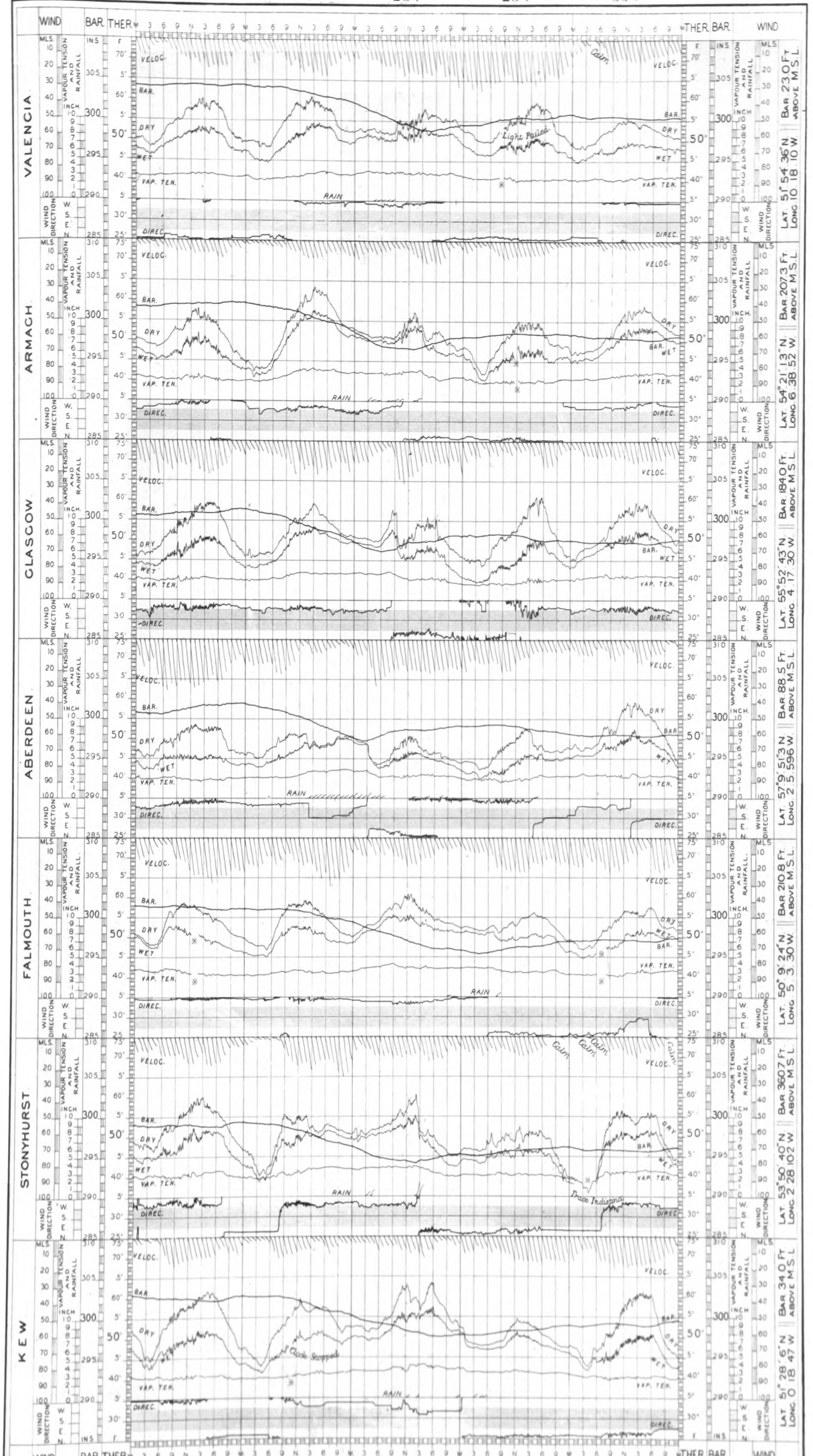
MAY, 1875.

21ST 22ND 23RD 24TH 25TH

Plate XXIX.



* Out of Action

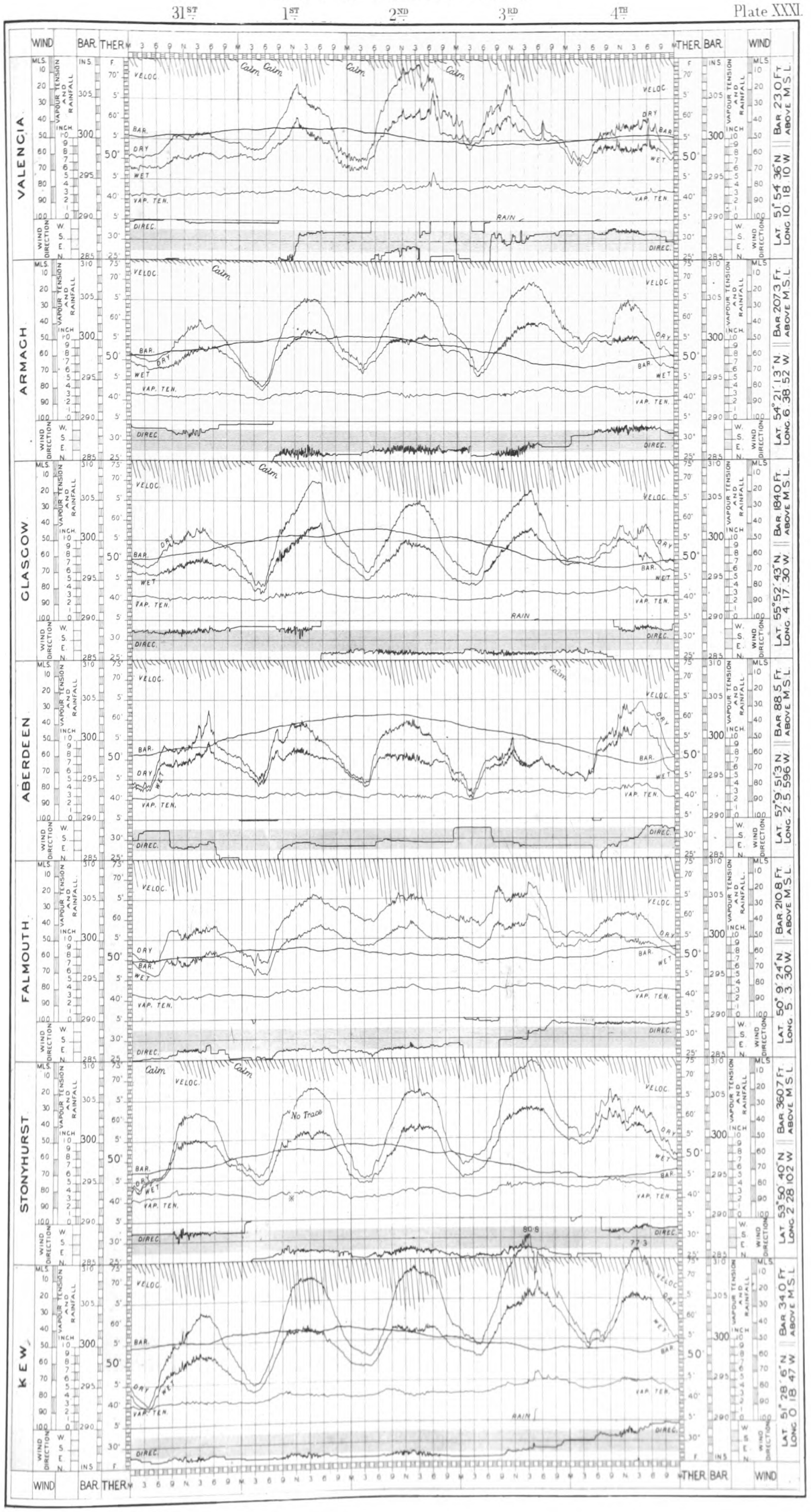


* Out of Action.

MAY & JUNE, 1875.

31ST | 1ST | 2ND | 3RD | 4TH

Plate XXXI.

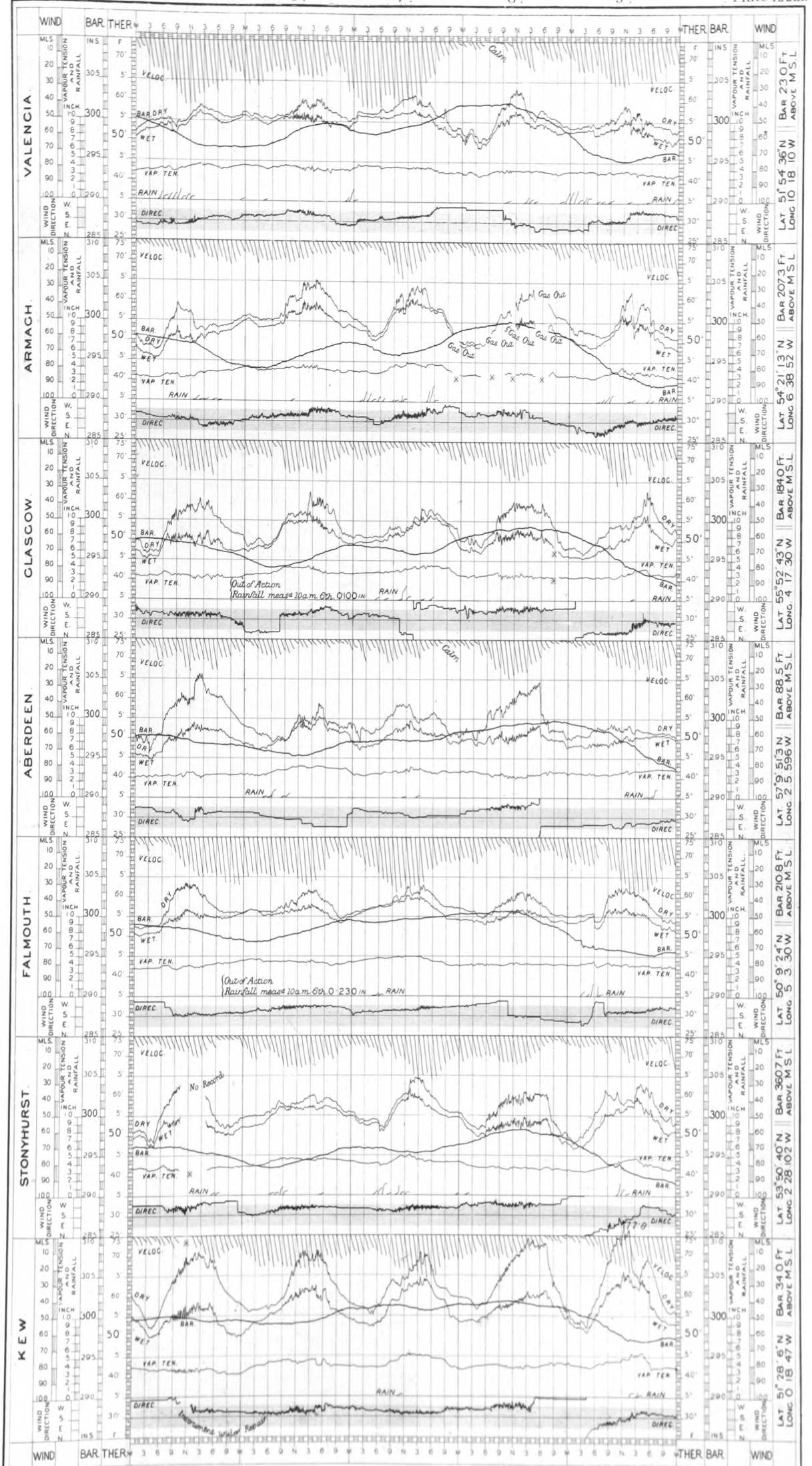


* Out of Action

JUNE, 1875

5TH 6TH 7TH 8TH 9TH

Plate XXXII.



JUNE, — 1875

10TH 11TH 12TH 13TH 14TH

Plate XXXIII.

WIND BAR. THER. W 3 6 9 N 3 6 9 W 3 6 9 N 3 6 9 W 3 6 9 N 3 6 9 W 3 6 9 N 3 6 9 W 3 6 9 N 3 6 9 THER. BAR. WIND

VALENCIA

MLS. INS. F

VELOC. DRY WET BAR. VAP. TEN. RAIN DIREC.

No Trace No Trace

Trace Indistinct

Rainfall measd 10a.m. 12th. 0·410 13th 0·158 in.

VAPOUR TENSION AND RAINFALL INCH

WIND DIRECTION W. S. E. N.

Lat. 51° 54' 36" N
Long. 10 18 10 W

Bar. 23 0 Ft. above M.S.L.

ARMAGH

Lat. 54° 21' 13" N
Long. 6 38 52 W

Bar. 207 3 Ft. above M.S.L.

GLASCOW

Lat. 55° 52' 43" N
Long. 4 17 30 W

Bar. 184 0 Ft. above M.S.L.

ABERDEEN

Lat. 57° 9' 51" N
Long. 2 5 596 W

Bar. 88 5 Ft. above M.S.L.

FALMOUTH

Trace Indistinct

Lat. 50° 9' 24" N
Long. 5 3 30 W

Bar. 210 8 Ft. above M.S.L.

STONYHURST

Lat. 53° 50' 40" N
Long. 2 28 102 W

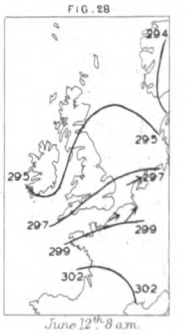
Bar. 360 7 Ft. above M.S.L.

K E W

Lat. 51° 28' 6" N
Long. 0 18 47 W

Bar. 34 0 Ft. above M.S.L.

FIG. 28



June 12th 8 a.m.

* Out of Action

JUNE, — 1875.

15TH 16TH 17TH 18TH 19TH

Plate XXXIV.

VALENCIA — Bar. 230 Ft. above M.S.L. — Lat. 51° 54′ 36″ N. Long. 10 18 10 W.

ARMAGH — Bar. 207.3 Ft. above M.S.L. — Lat. 54° 21′ 13″ N. Long. 6 38 52 W.

CLASGOW — Bar. 184.0 Ft. above M.S.L. — Lat. 55° 52′ 43″ N. Long. 4 17 30 W.

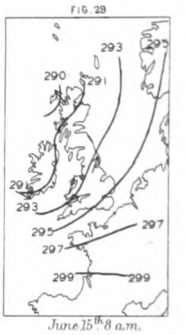
ABERDEEN — Bar. 88.5 Ft. above M.S.L. — Lat. 57° 9′ 51″ N. Long. 2 5 596 W.

FALMOUTH — Bar. 210.8 Ft. above M.S.L. — Lat. 50° 9′ 24″ N. Long. 5 3 30 W.

STONYHURST — Bar. 360.7 Ft. above M.S.L. — Lat. 53° 50′ 40″ N. Long. 2 28 10 2 W.

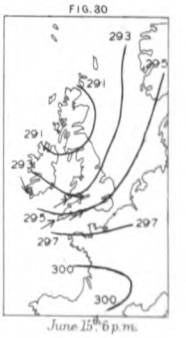
KEW — Bar. 34.0 Ft. above M.S.L. — Lat. 51° 28′ 6″ N. Long. 0 18 47 W.

FIG. 29



June 15th 8 a.m.

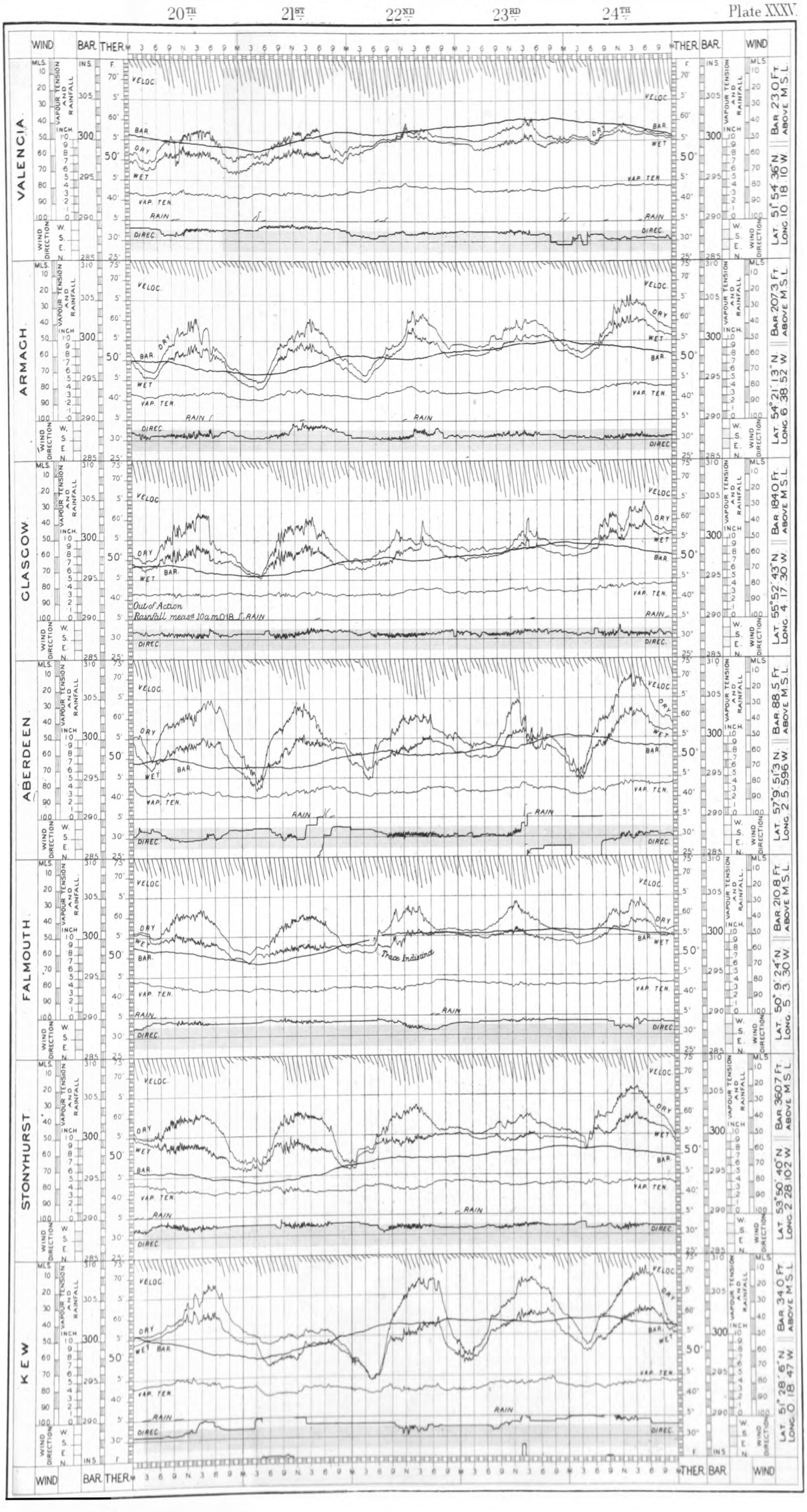
FIG. 30



June 15th 6 p.m.

JUNE, — 1875.

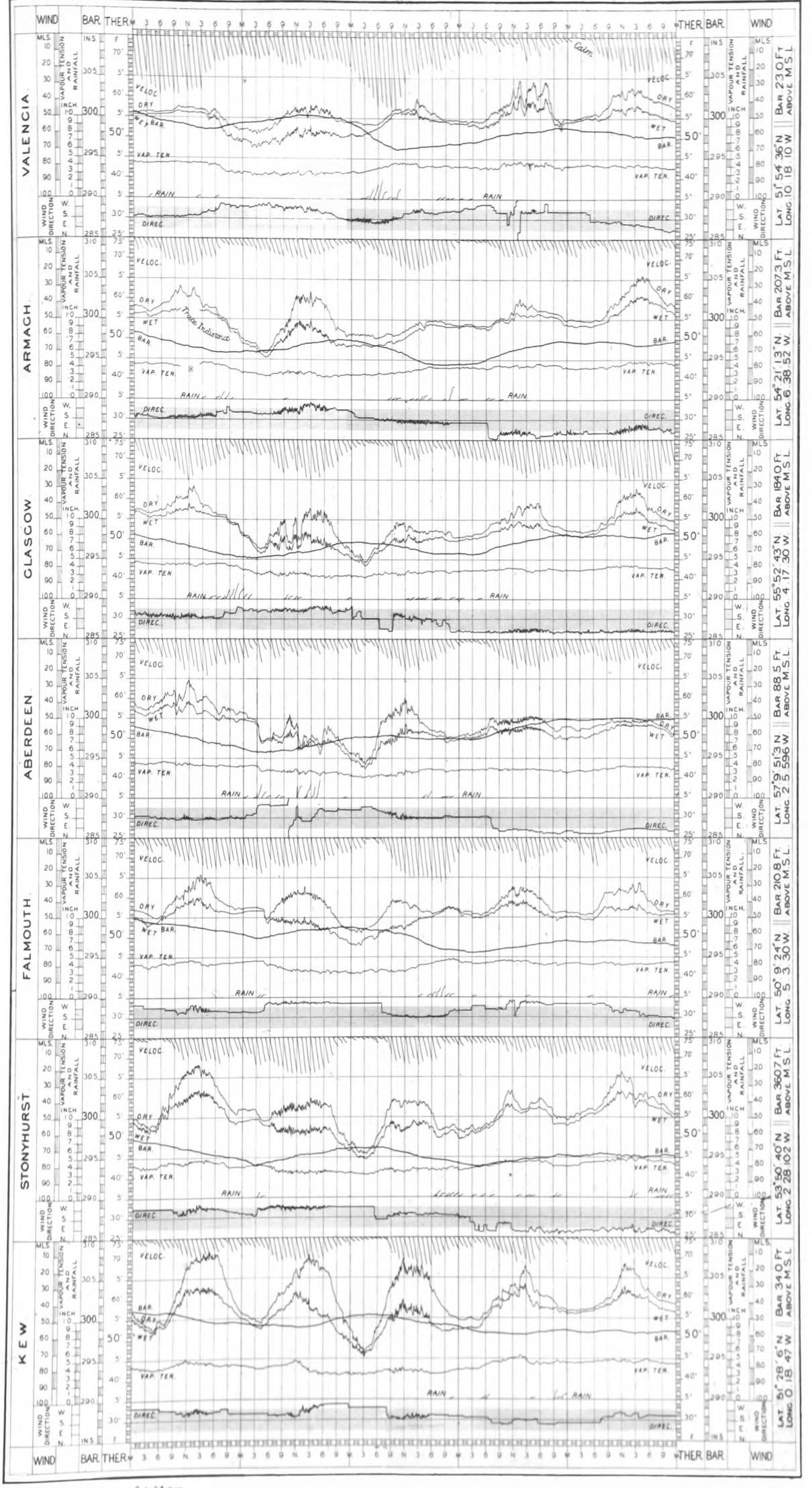
20TH 21ST 22ND 23RD 24TH Plate XXXV.



JUNE — 1875.

Plate XXXVI.

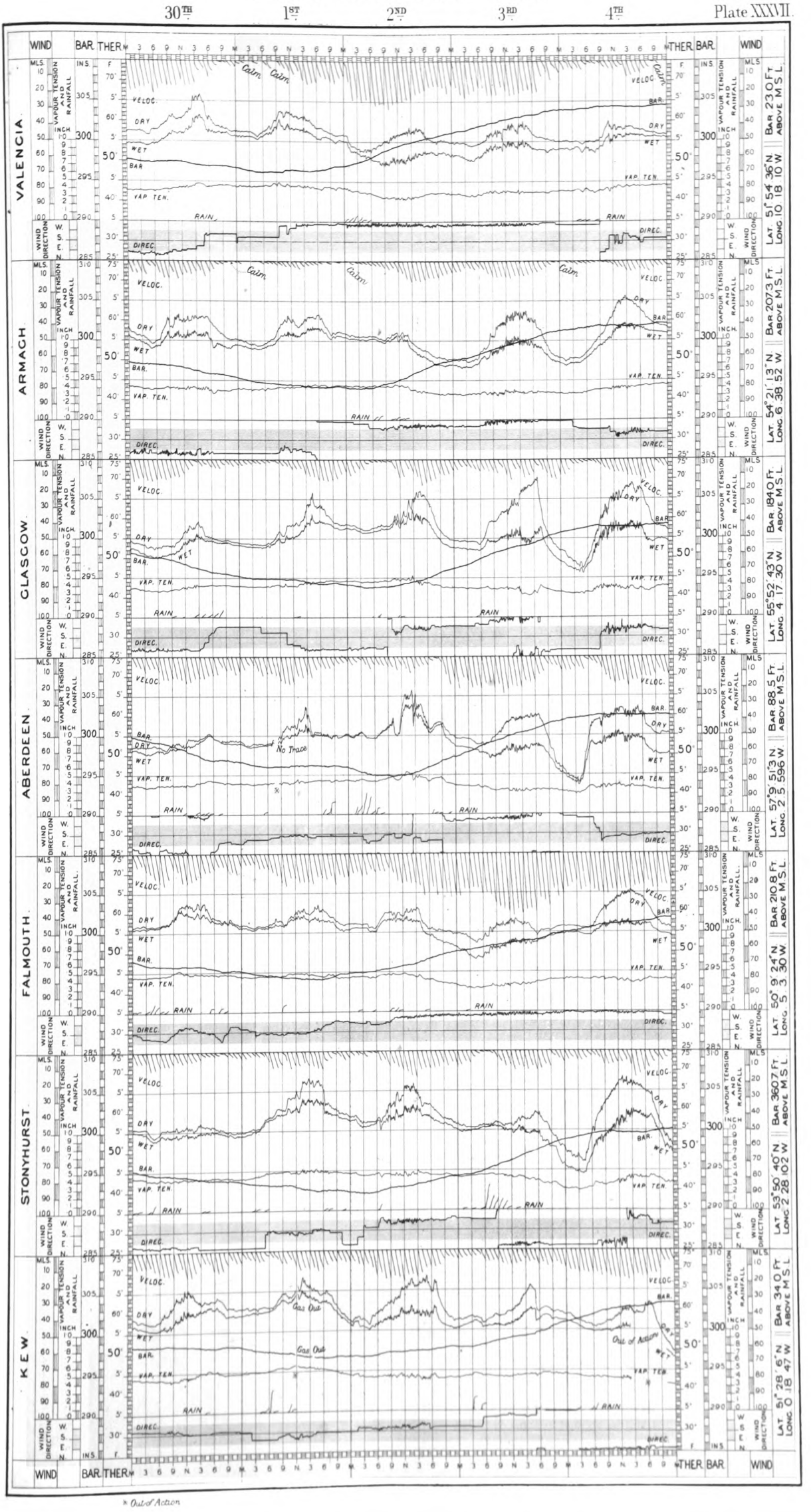
25TH 26TH 27TH 28TH 29TH



JUNE & JULY. — 1875.

30TH | 1ST | 2ND | 3RD | 4TH

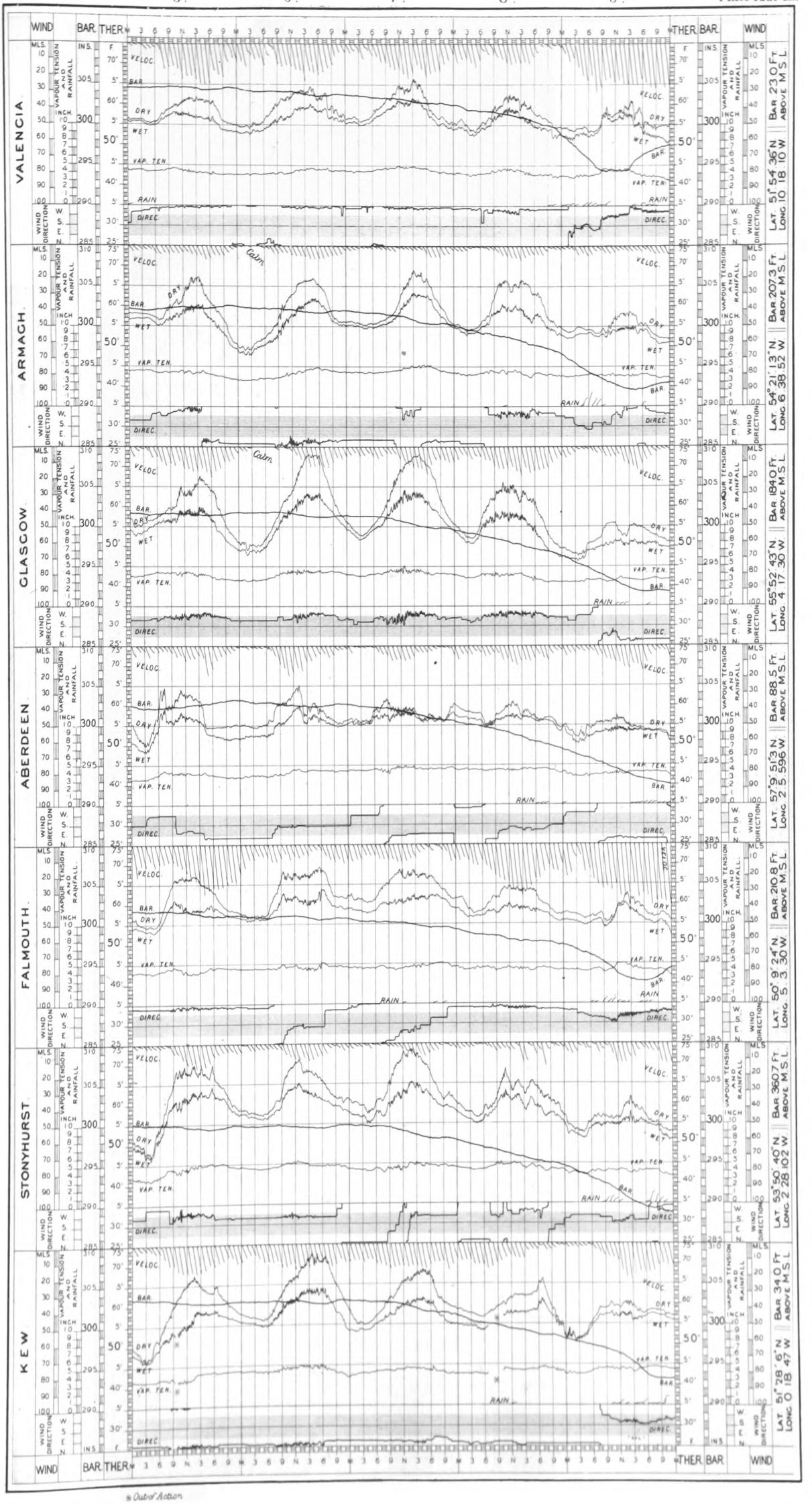
Plate XXXVII.



* Out of Action

JULY, 1875.

5TH 6TH 7TH 8TH 9TH



* Out of Action

JULY. — 1875.

10TH 11TH 12TH 13TH 14TH Plate XXXIX.

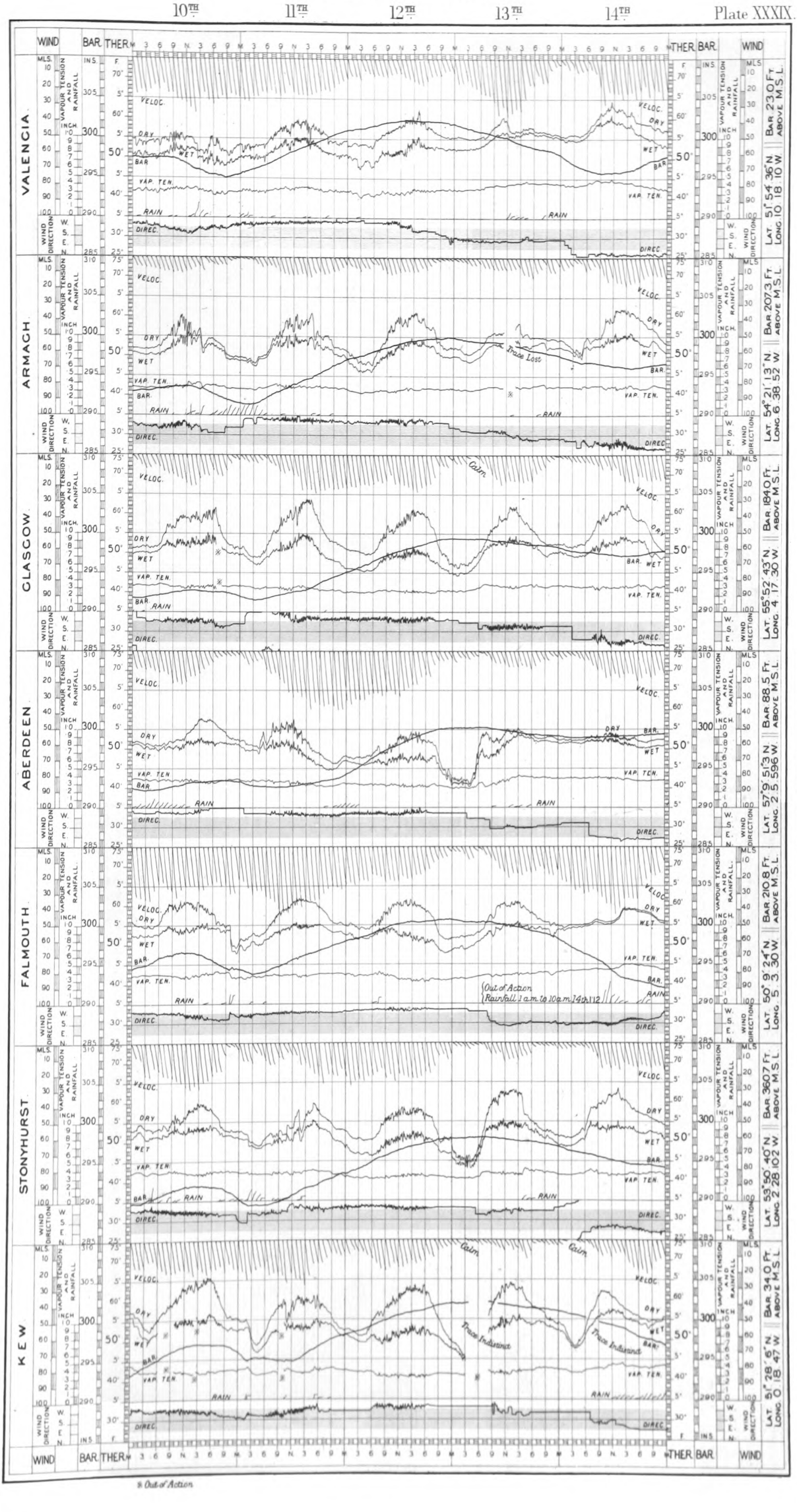
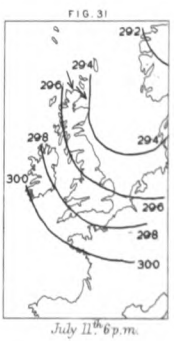


FIG. 31



July 11th 6 p.m.

* Out of Action

JULY, — 1875.

15TH 16TH 17TH 18TH 19TH

Plate XL.

VALENCIA

Lat. 51° 54' 36" N
Long. 10 18 10 W

Bar. 23.0 Ft. above M.S.L.

ARMAGH

Lat. 54° 21' 13" N
Long. 6 38 52 W

Bar. 207.3 Ft. above M.S.L.

GLASGOW

Lat. 55° 52' 43" N
Long. 4 17 30 W

Bar. 184.0 Ft. above M.S.L.

ABERDEEN

Lat. 57° 9' 51.3 N
Long. 2 5 59.6 W

Bar. 88.5 Ft. above M.S.L.

FALMOUTH

Lat. 50° 9' 24" N
Long. 5 3 30 W

Bar. 210.8 Ft. above M.S.L.

STONYHURST

Lat. 53° 50' 40" N
Long. 2 28 10.2 W

Bar. 360.7 Ft. above M.S.L.

KEW

Lat. 51° 28' 6" N
Long. 0 18 47 W

Bar. 34.0 Ft. above M.S.L.

Calm. Calm. Calm.

No Trace

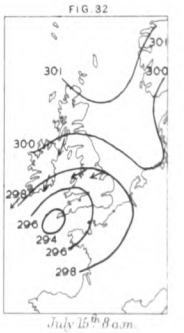
No Trace

Out of Action
Rainfall measd 10 a.m. 19th 0.098 in

Gas Out

Light Failed

FIG. 32

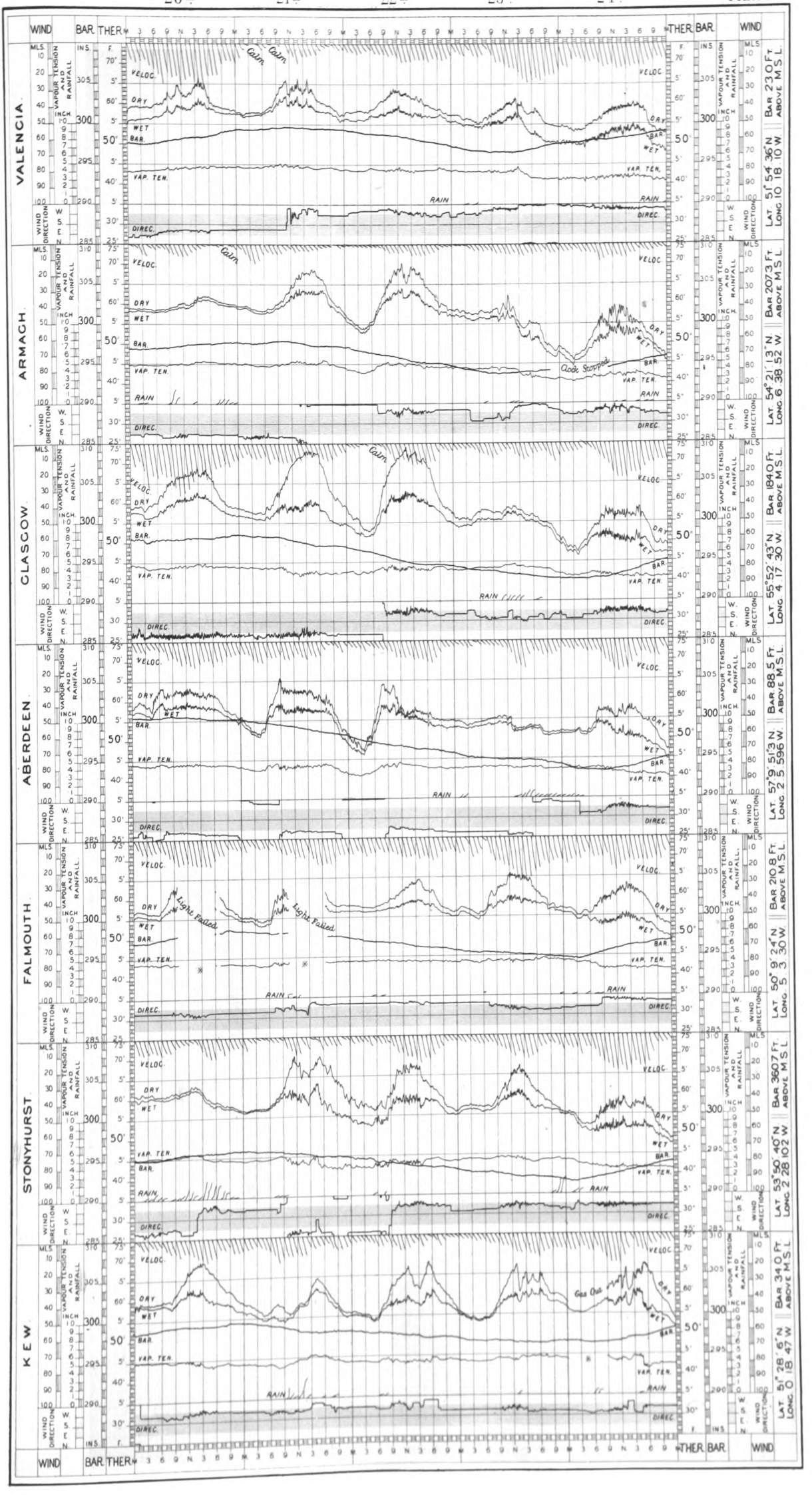


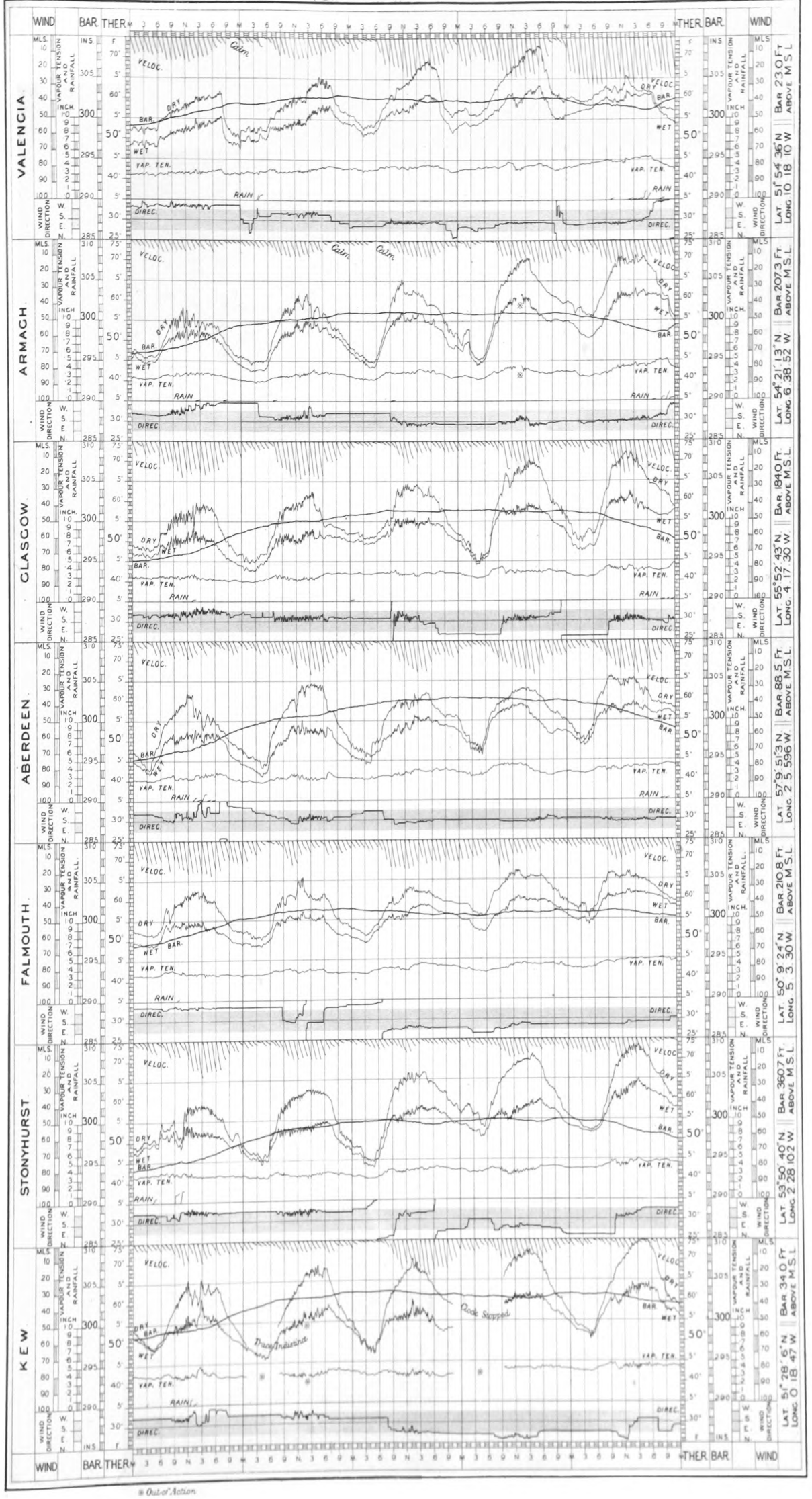
July 15th 8 a.m.

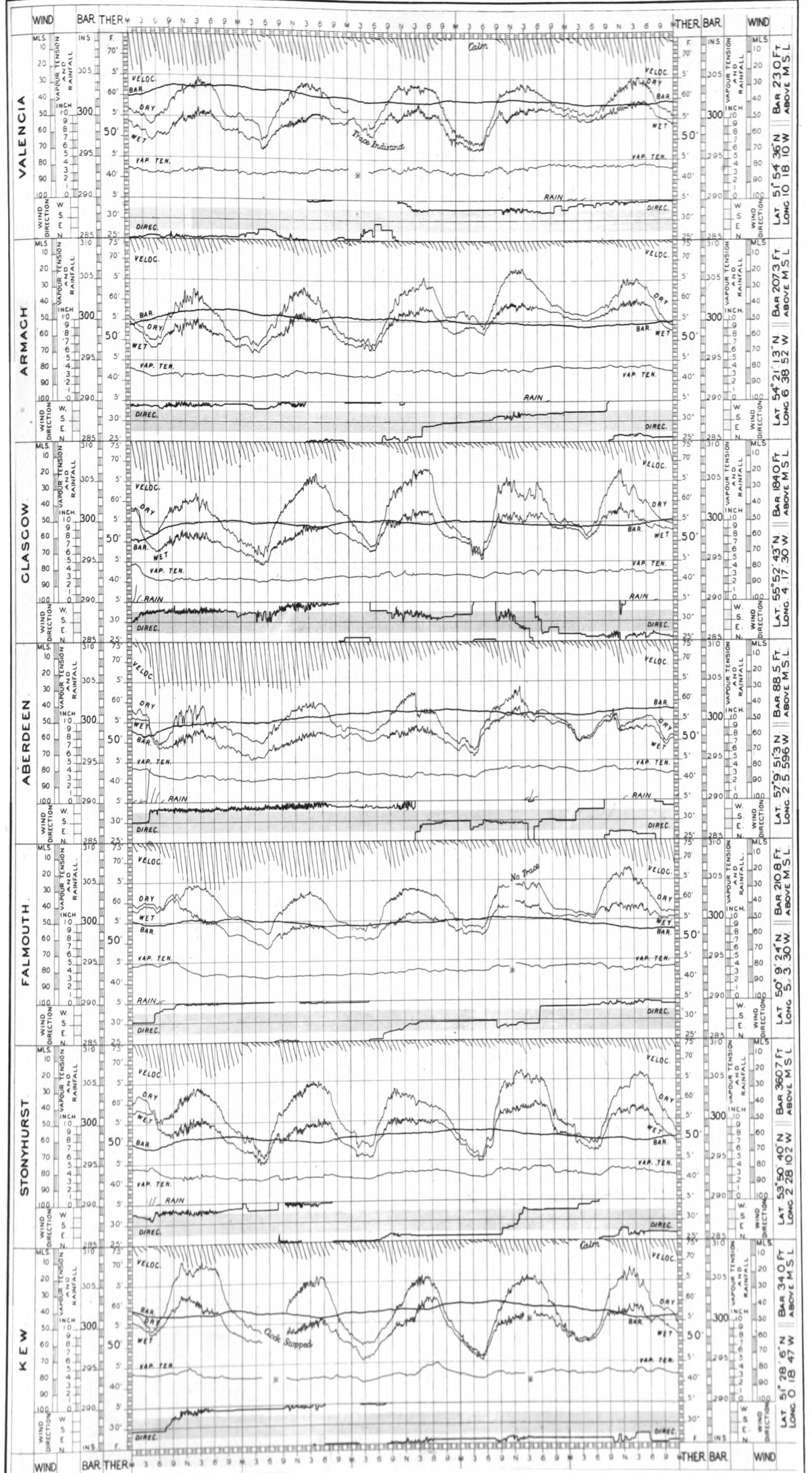
§ Out of Action

JULY, — 1875.

20TH 21ST 22ND 23RD 24TH Plate XLI.




VALENCIA
Lat. 51° 54' 36" N
Long. 10 18 10 W
Bar. 23 0 Ft above M.S.L.
ARMAGH
Lat. 54° 21' 13" N
Long. 6 38 52 W
Bar. 207 3 Ft above M.S.L.
GLASGOW
Lat. 55° 52' 43" N
Long. 4 17 30 W
Bar. 184 0 Ft. above M.S.L.
ABERDEEN
Lat. 57° 9' 51" N
Long. 2 5 596 W.
Bar. 88.5 Ft. above M.S.L.
FALMOUTH
Lat. 50° 9' 24" N
Long. 5 3 30 W.
Bar. 210.8 Ft. above M.S.L.
STONYHURST
Lat. 53° 50' 40" N
Long. 2 28 102 W
Bar. 360.7 Ft. above M.S.L.
KEW
Lat. 51° 28' 6" N
Long. 0 18 47 W
Bar. 34 0 Ft above M.S.L.
WIND
BAR.
THER.
VELOC.
DRY
WET
BAR.
VAP. TEN.
RAIN
DIREC.
VAPOUR TENSION AND RAINFALL
WIND DIRECTION
Calm.
Clock Stopped
Wind Indicator
* Out of Action

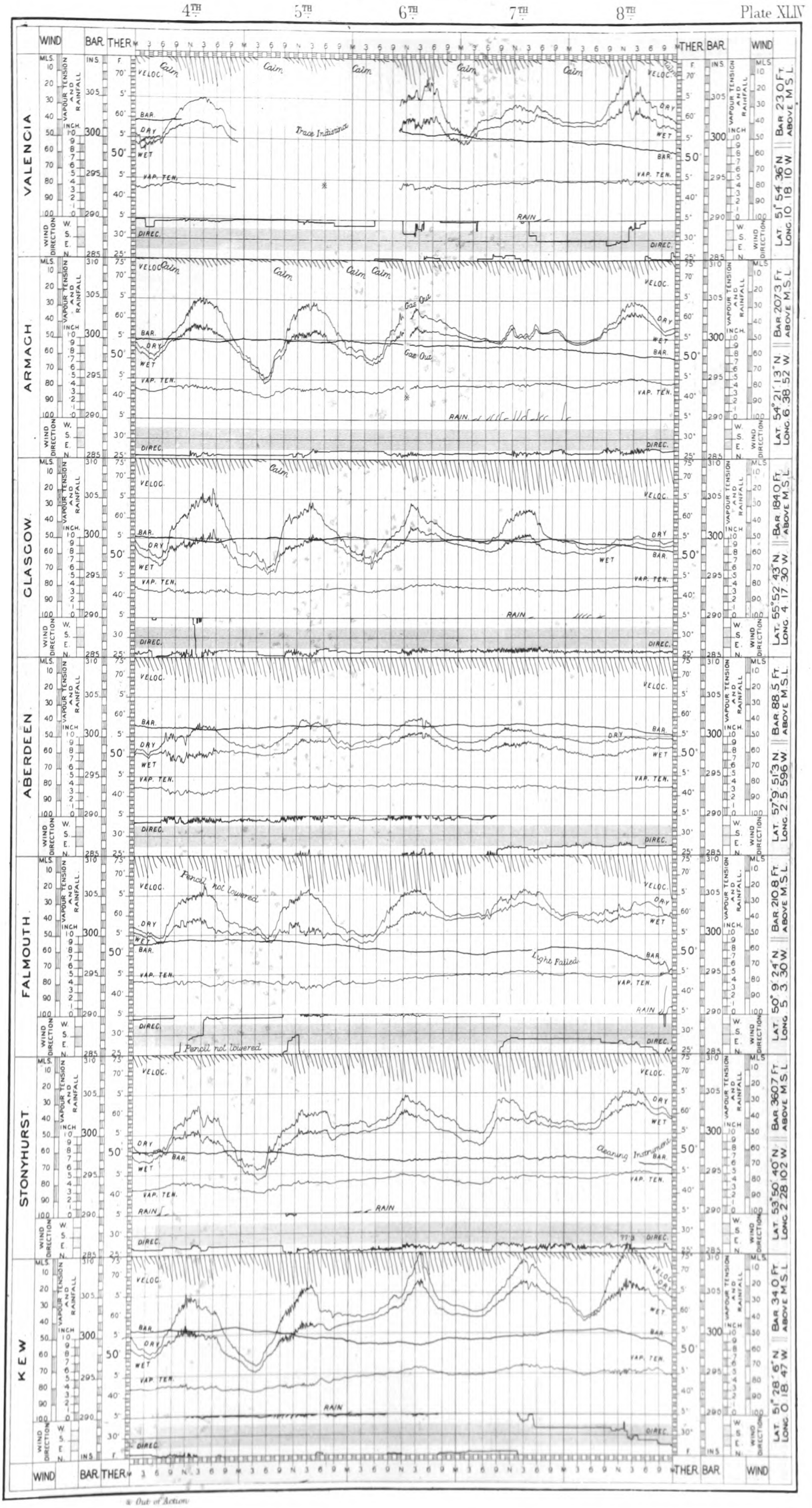


* Out of Action.

AUGUST, 1875.

4TH 5TH 6TH 7TH 8TH

Plate XLIV

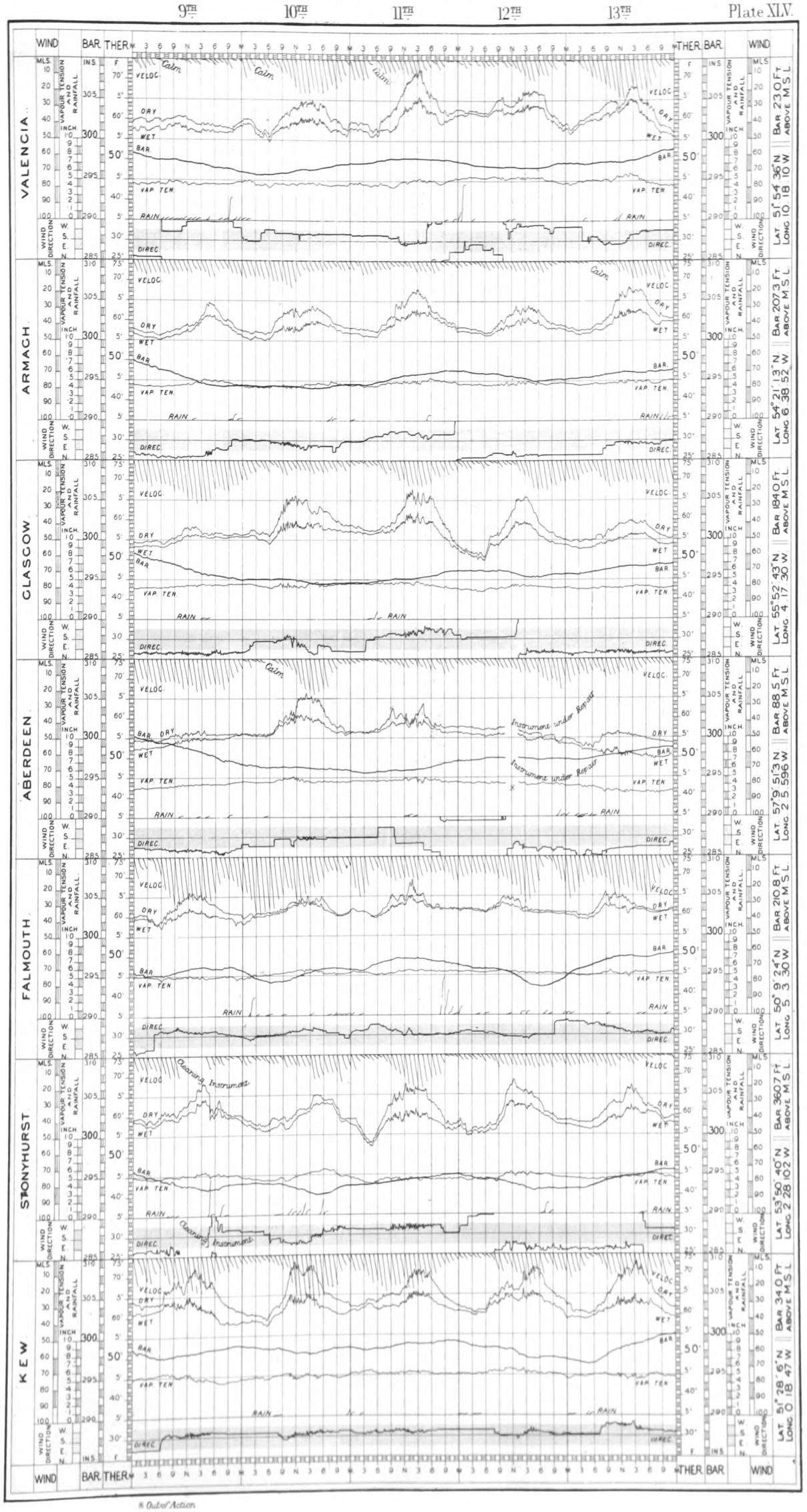


* Out of Action

AUGUST, 1875.

Plate XLV.

9TH 10TH 11TH 12TH 13TH

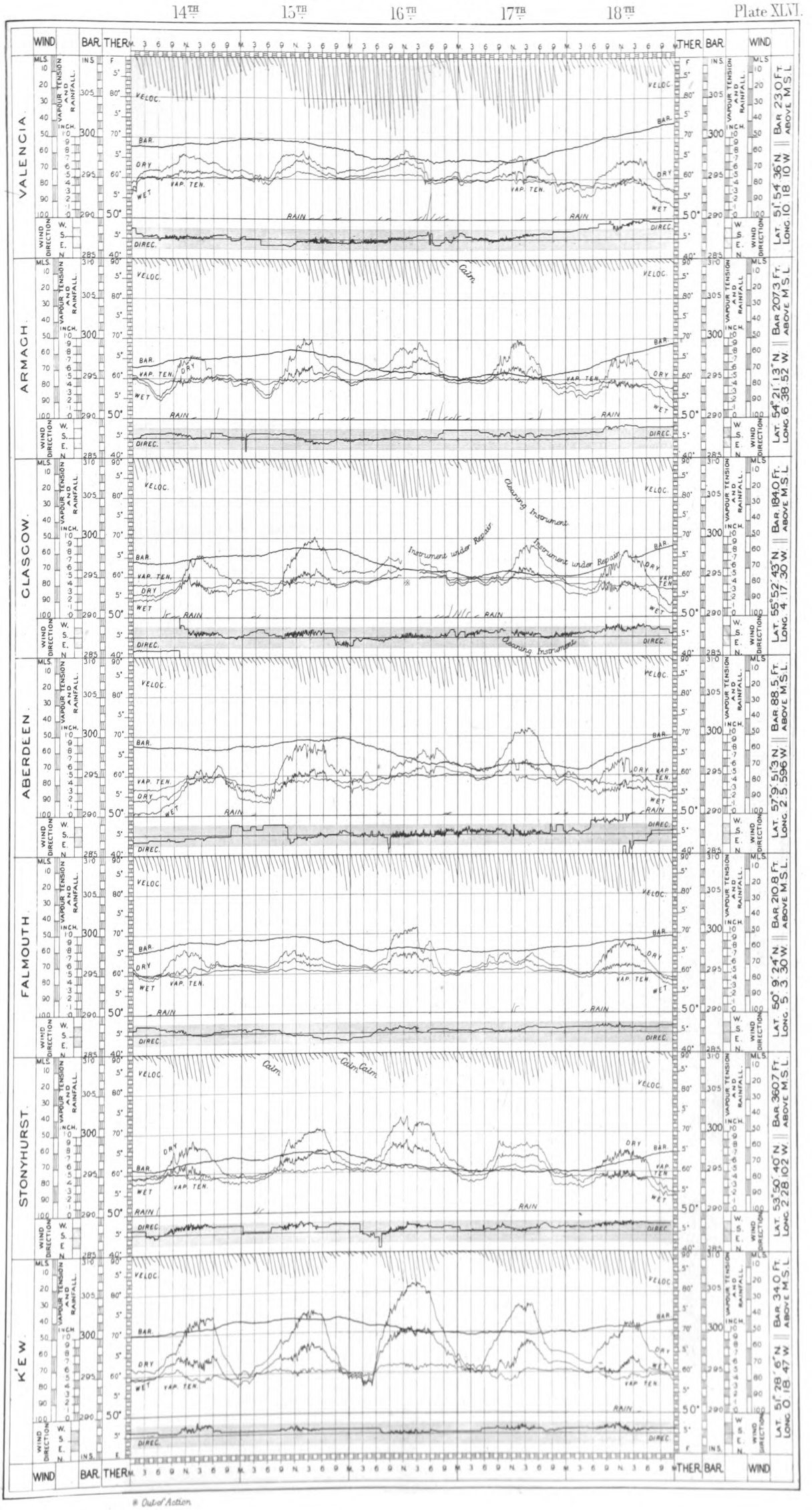


* Out of Action

AUGUST. 1875.

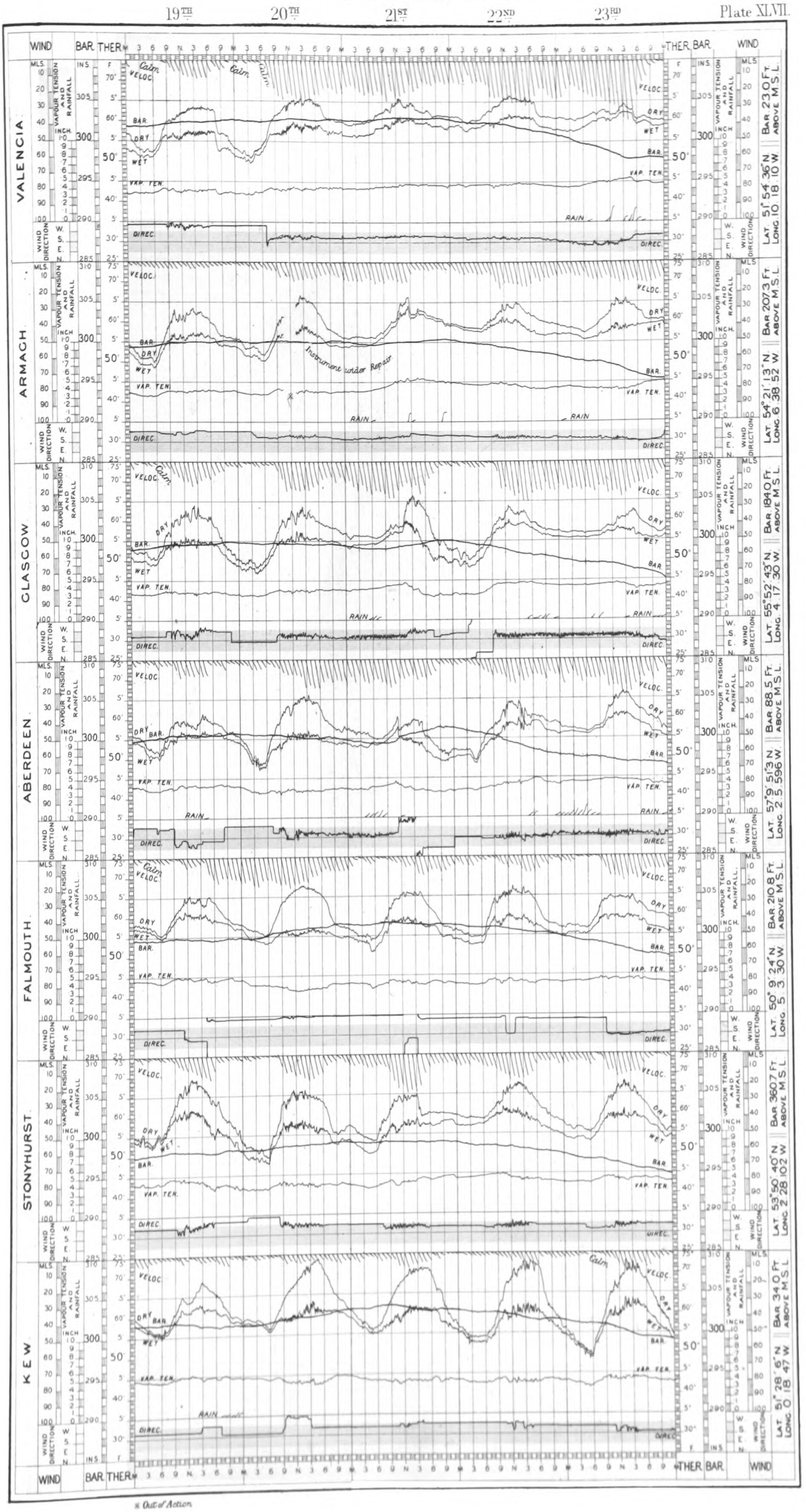
14TH 15TH 16TH 17TH 18TH

Plate XLVI.



AUGUST, 1875.

19TH 20TH 21ST 22ND 23RD

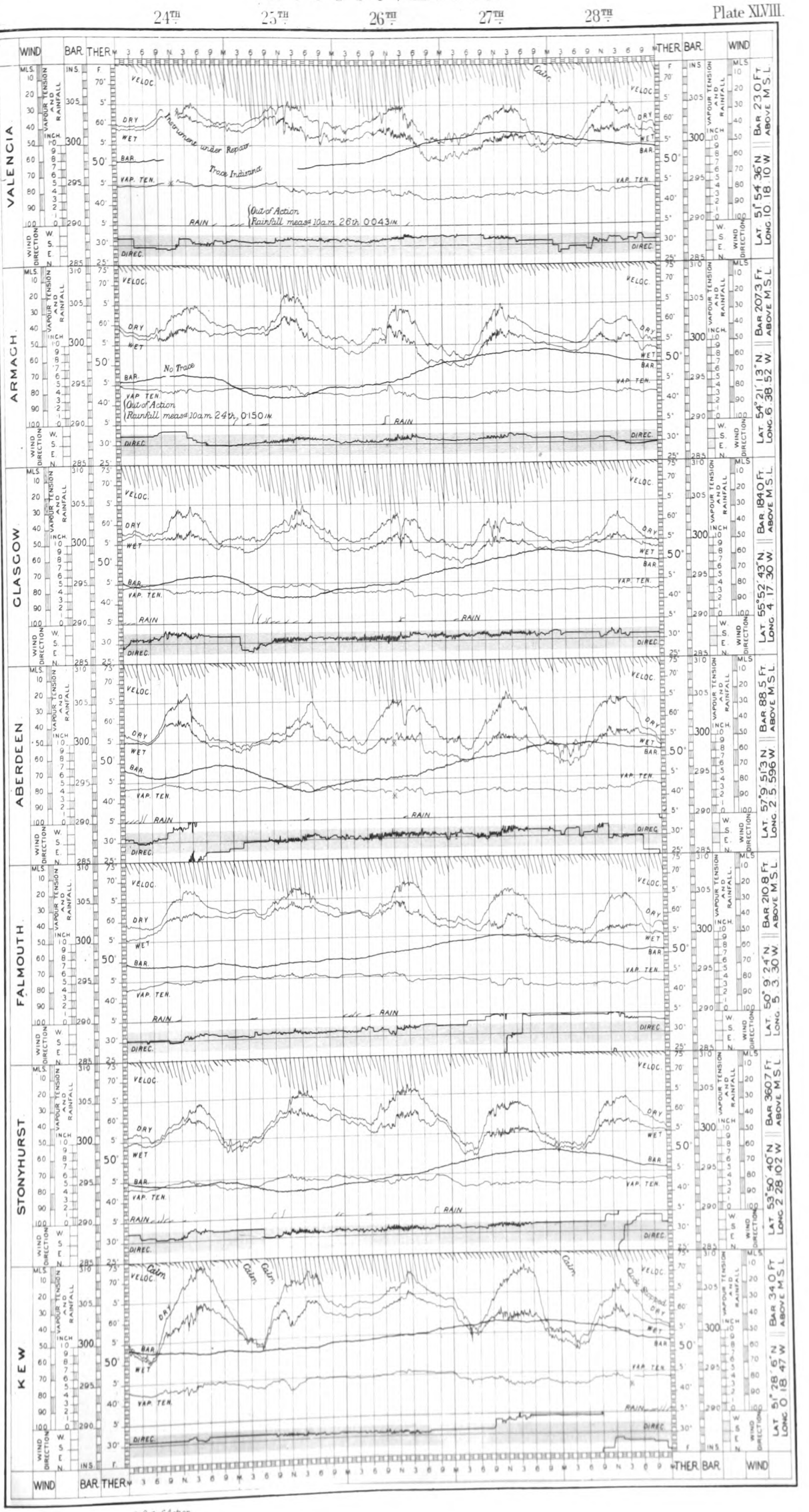


* Out of Action.

AUGUST.—1875.

24TH 25TH 26TH 27TH 28TH

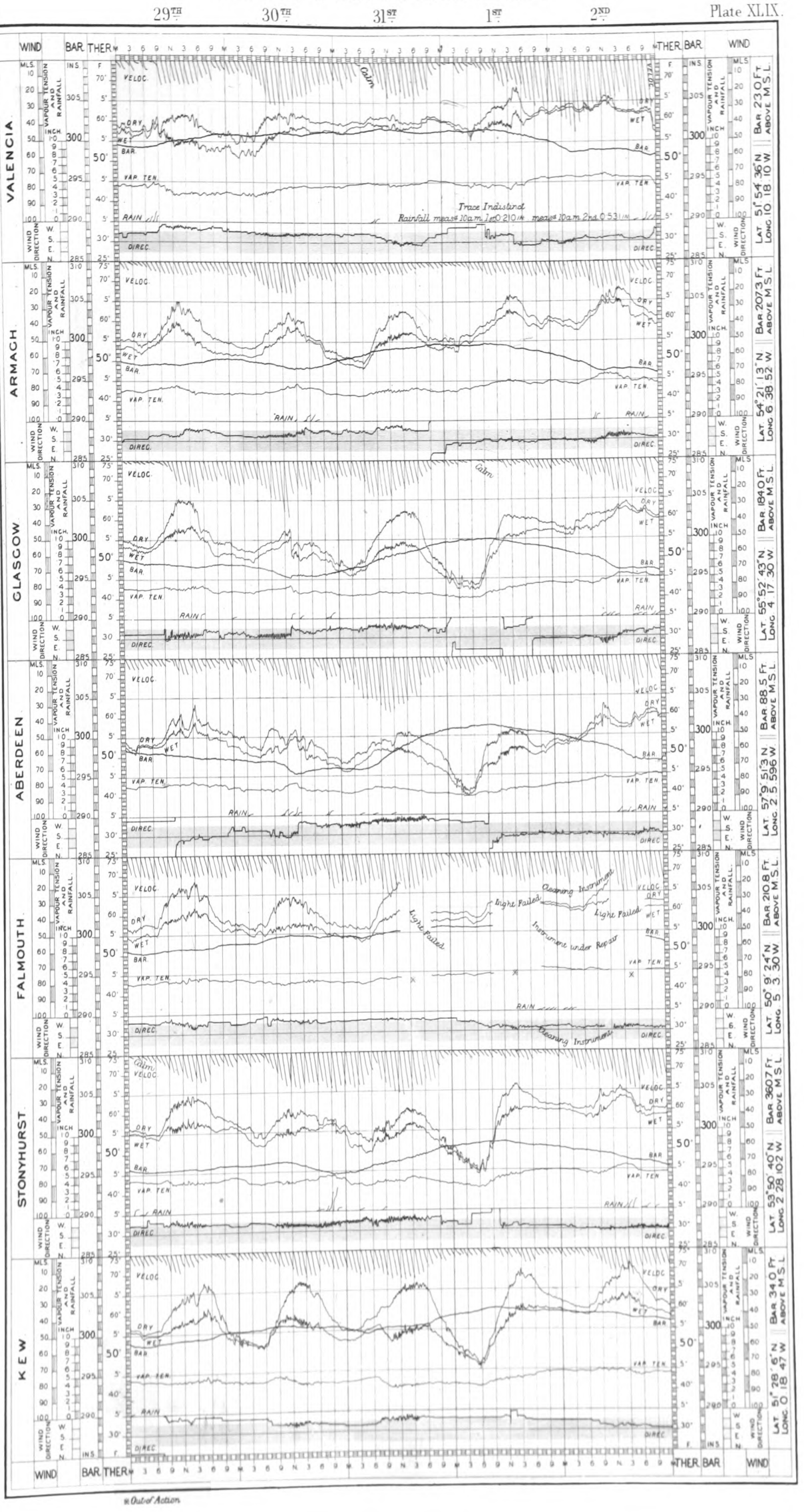
Plate XLVIII.



* Out of Action

AUGUST & SEPTEMBER, 1875

29TH | 30TH | 31ST | 1ST | 2ND

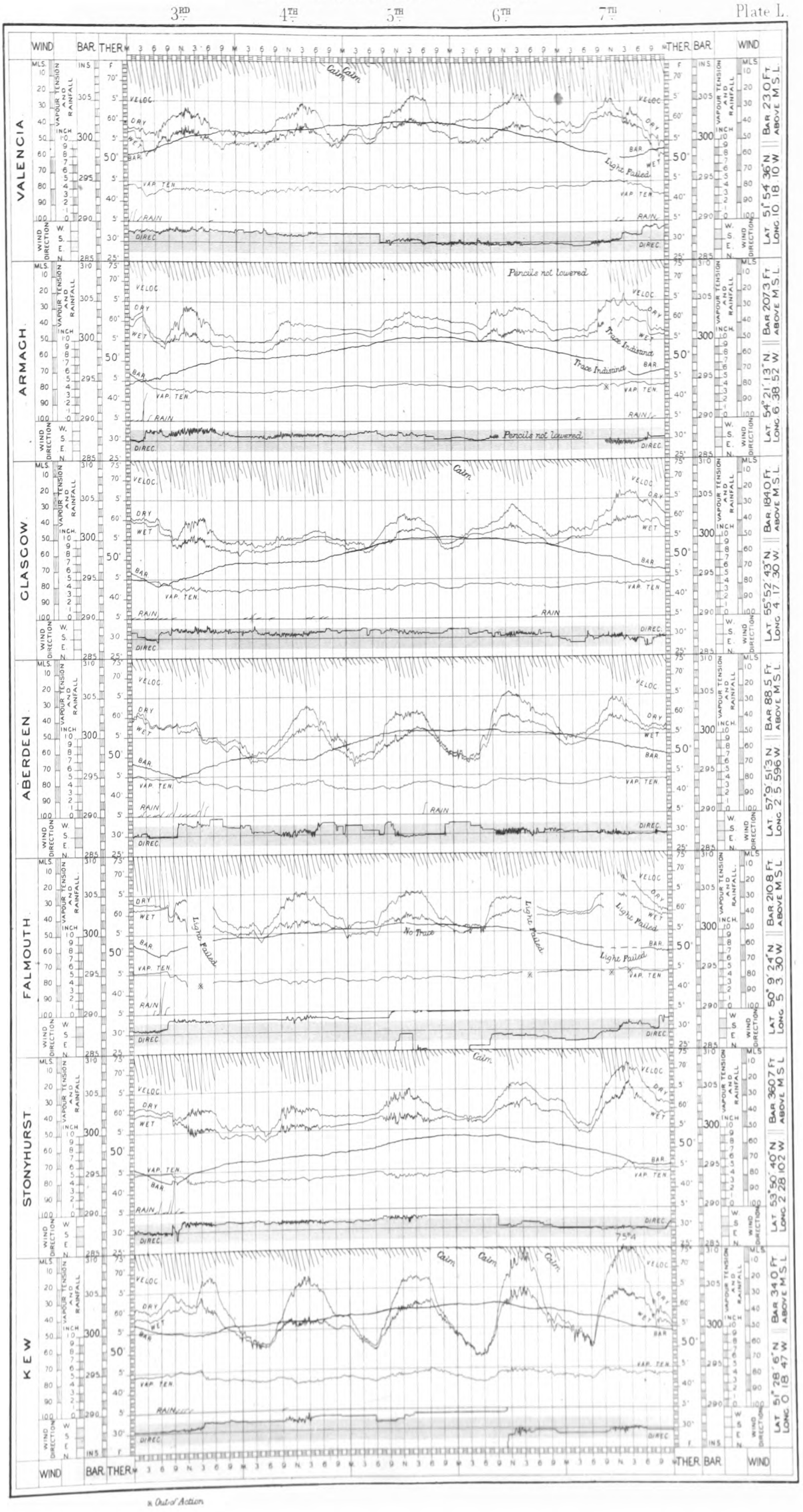


* Out of Action

SEPTEMBER, 1875.

Plate L.

3RD 4TH 5TH 6TH 7TH

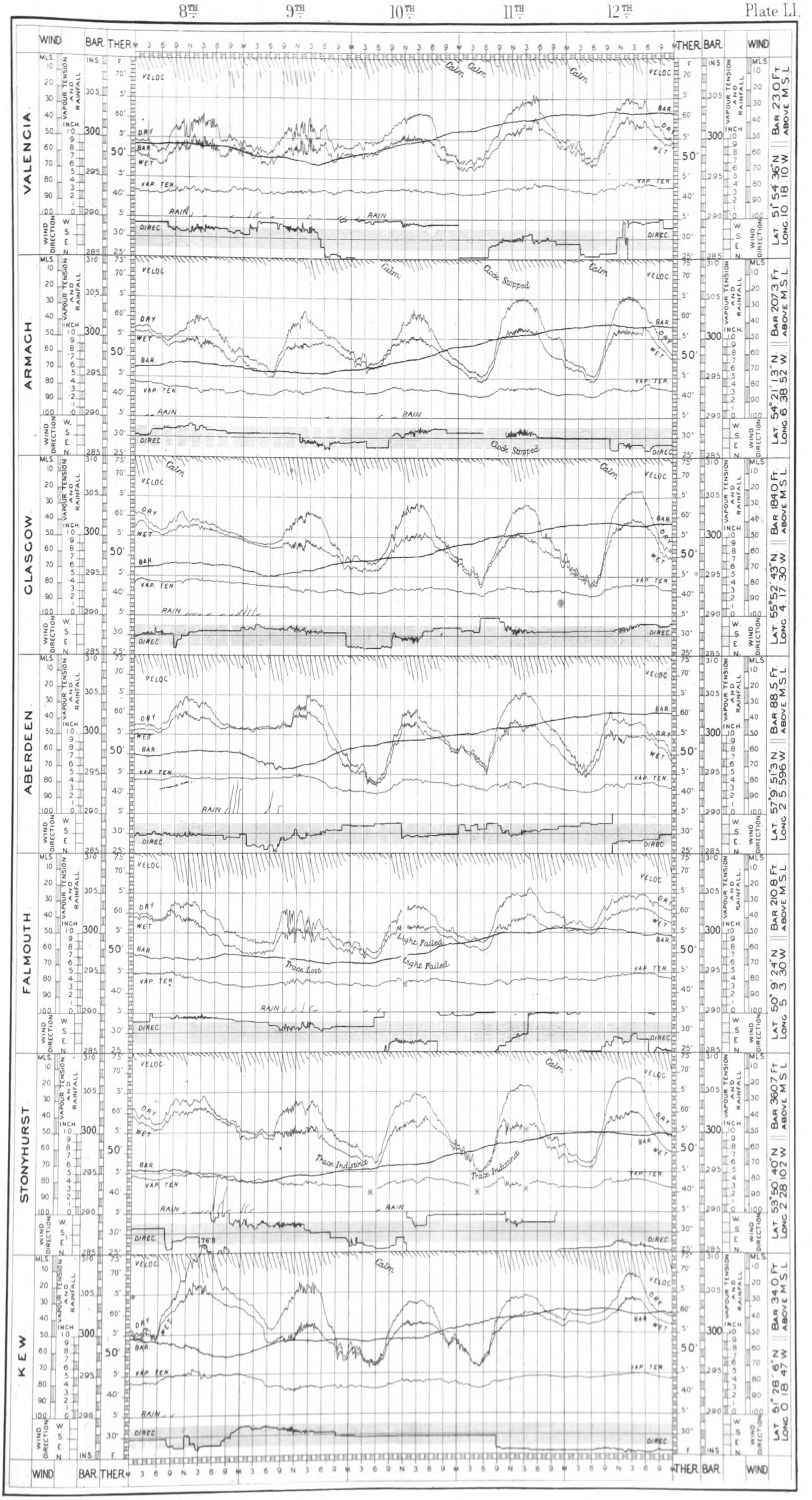


* Out of Action

SEPTEMBER. — 1875.

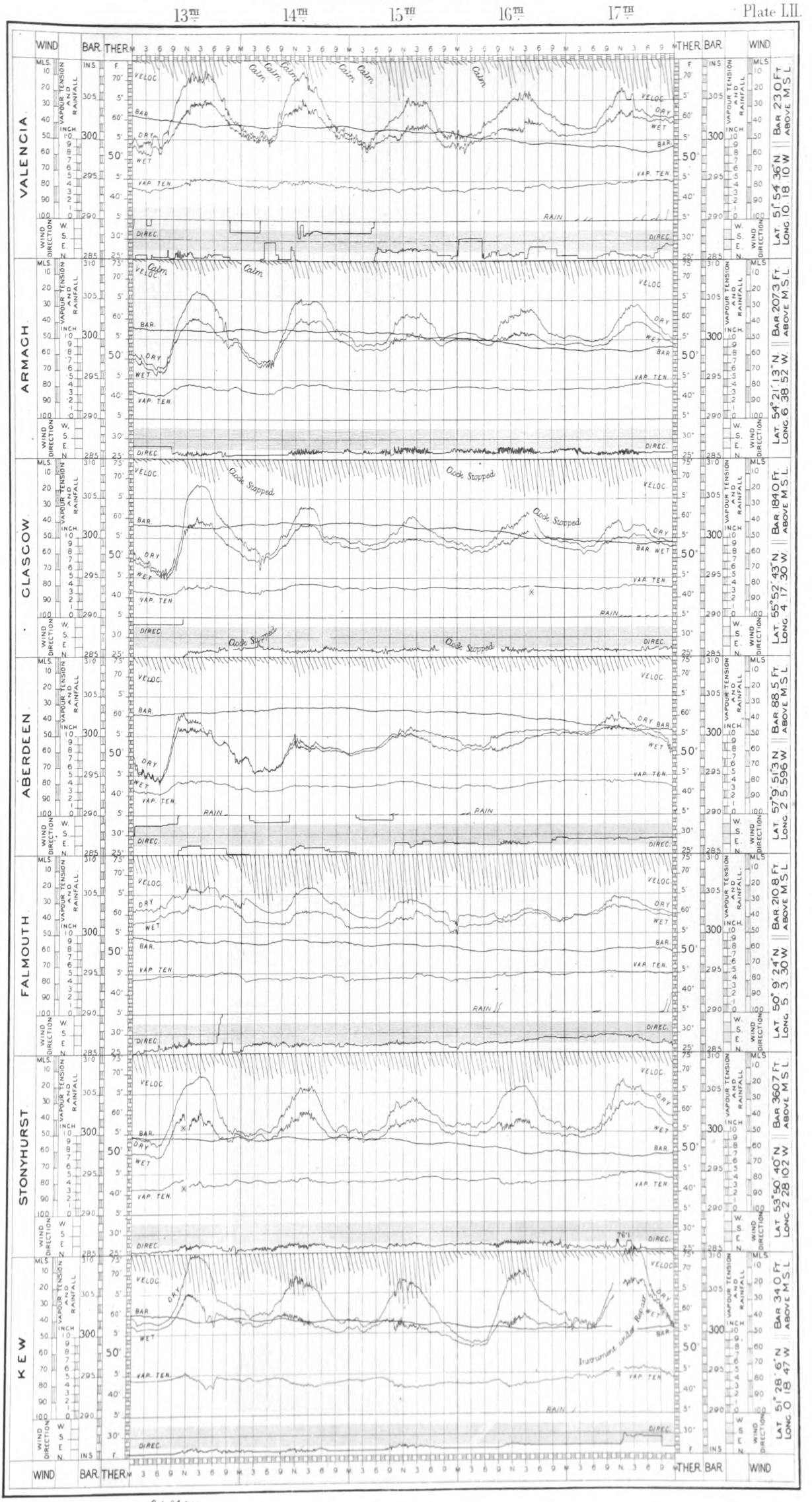
8TH 9TH 10TH 11TH 12TH

Plate LI.



SEPTEMBER, 1875.

Plate LII.

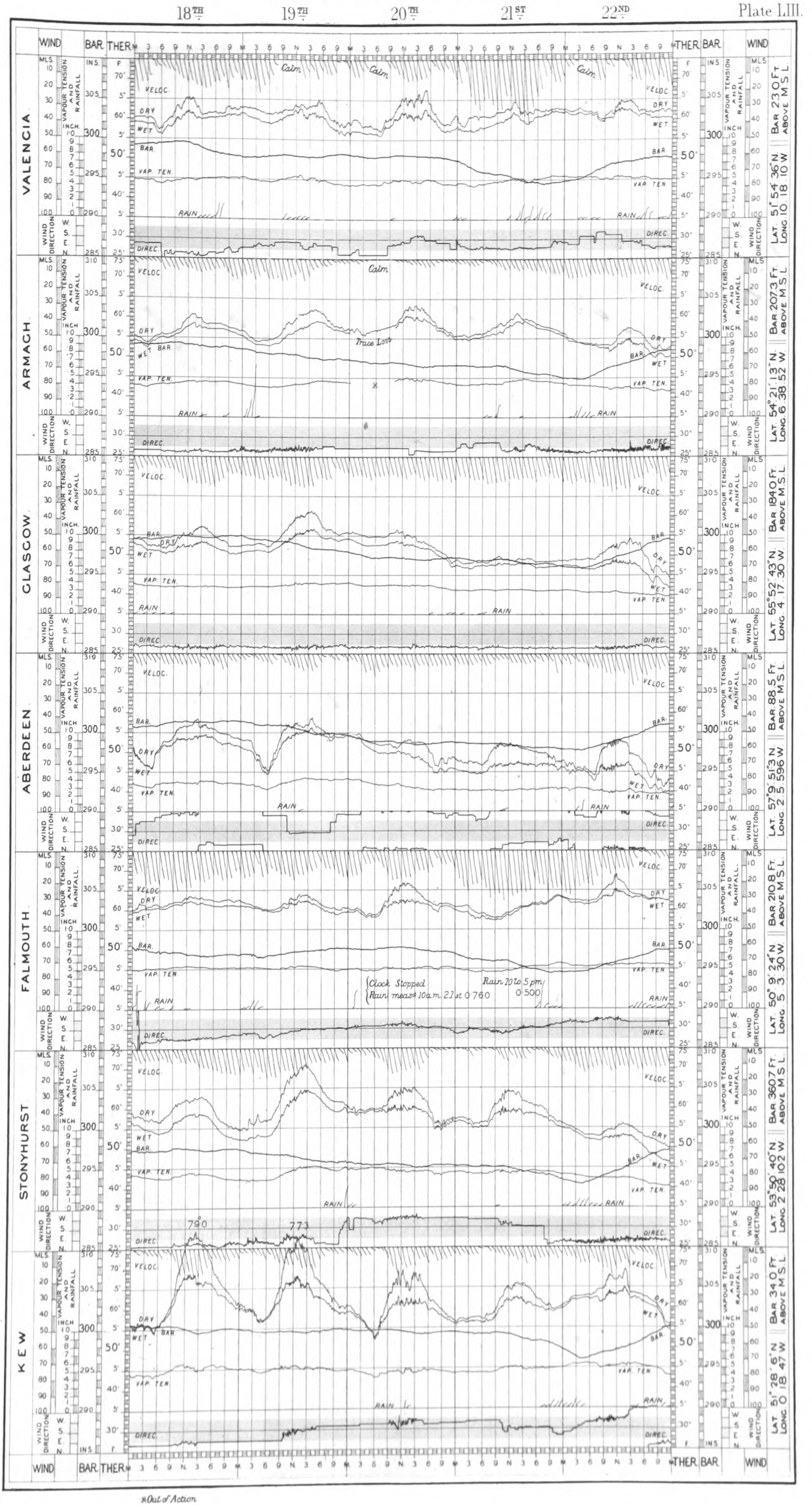


× Out of Action

SEPTEMBER, — 1875.

18TH 19TH 20TH 21ST 22ND

Plate LIII.



*Out of Action

SEPTEMBER . — 1875

23RD 24TH 25TH 26TH 27TH

Plate LIV.

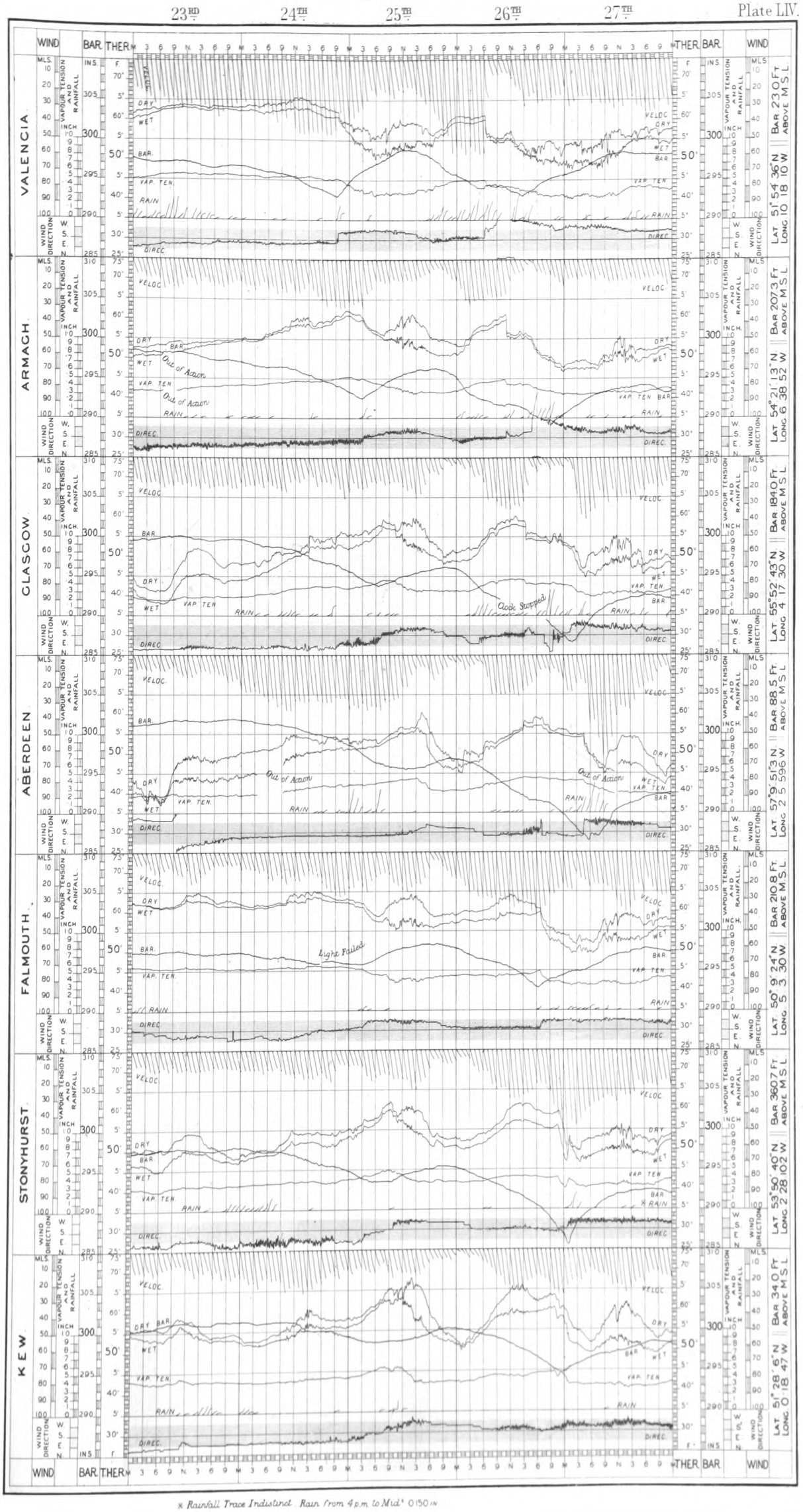
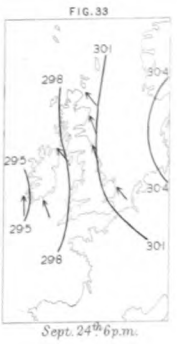
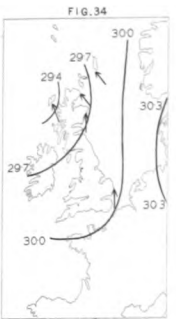


FIG. 33



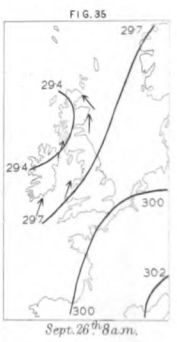
Sept. 24th 6 p.m.

FIG. 34



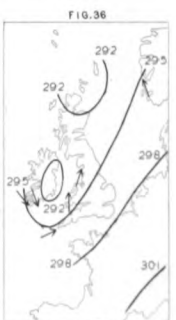
Sept. 25th 8 a.m.

FIG. 35



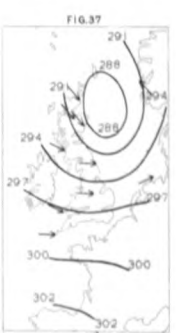
Sept. 26th 8 a.m.

FIG. 36



Sept. 26th 6 p.m.

FIG. 37



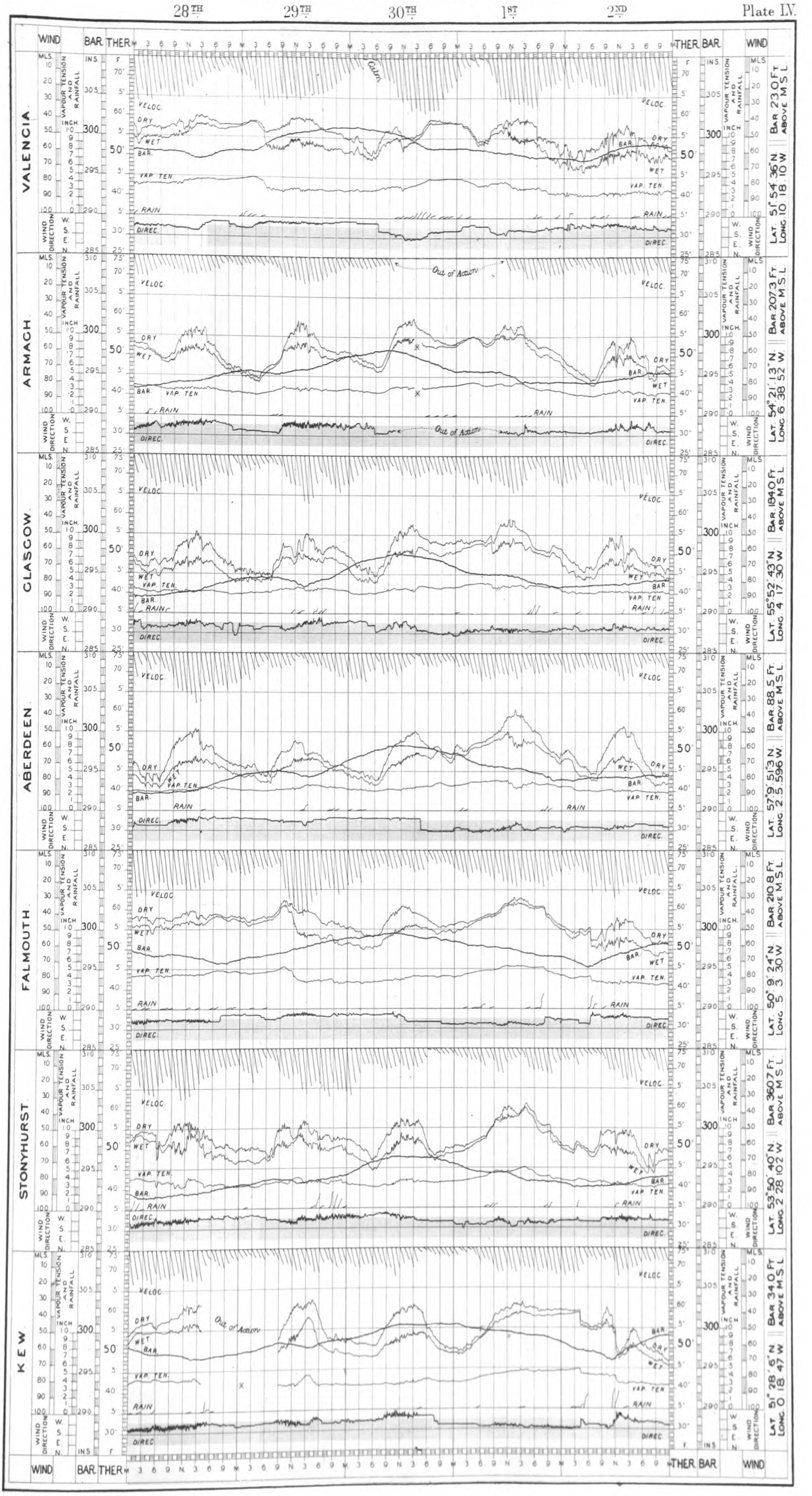
Sept. 27th 8 a.m.

* Rainfall Trace Indistinct. Rain from 4 p.m. to Midt 0.150 in

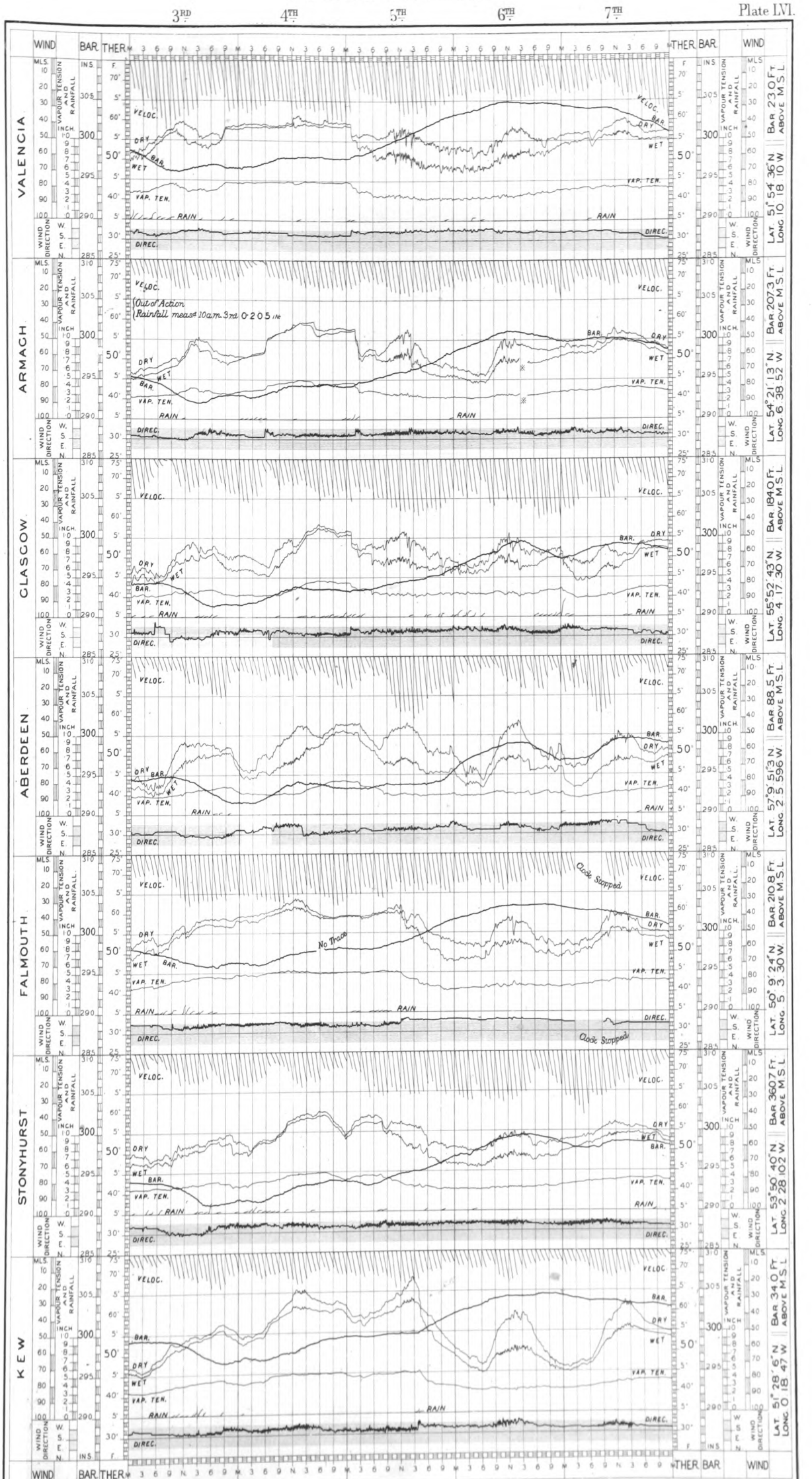
SEPTEMBER & OCTOBER, 1875.

28TH | 29TH | 30TH | 1ST | 2ND

Plate IV.



* Out of Action

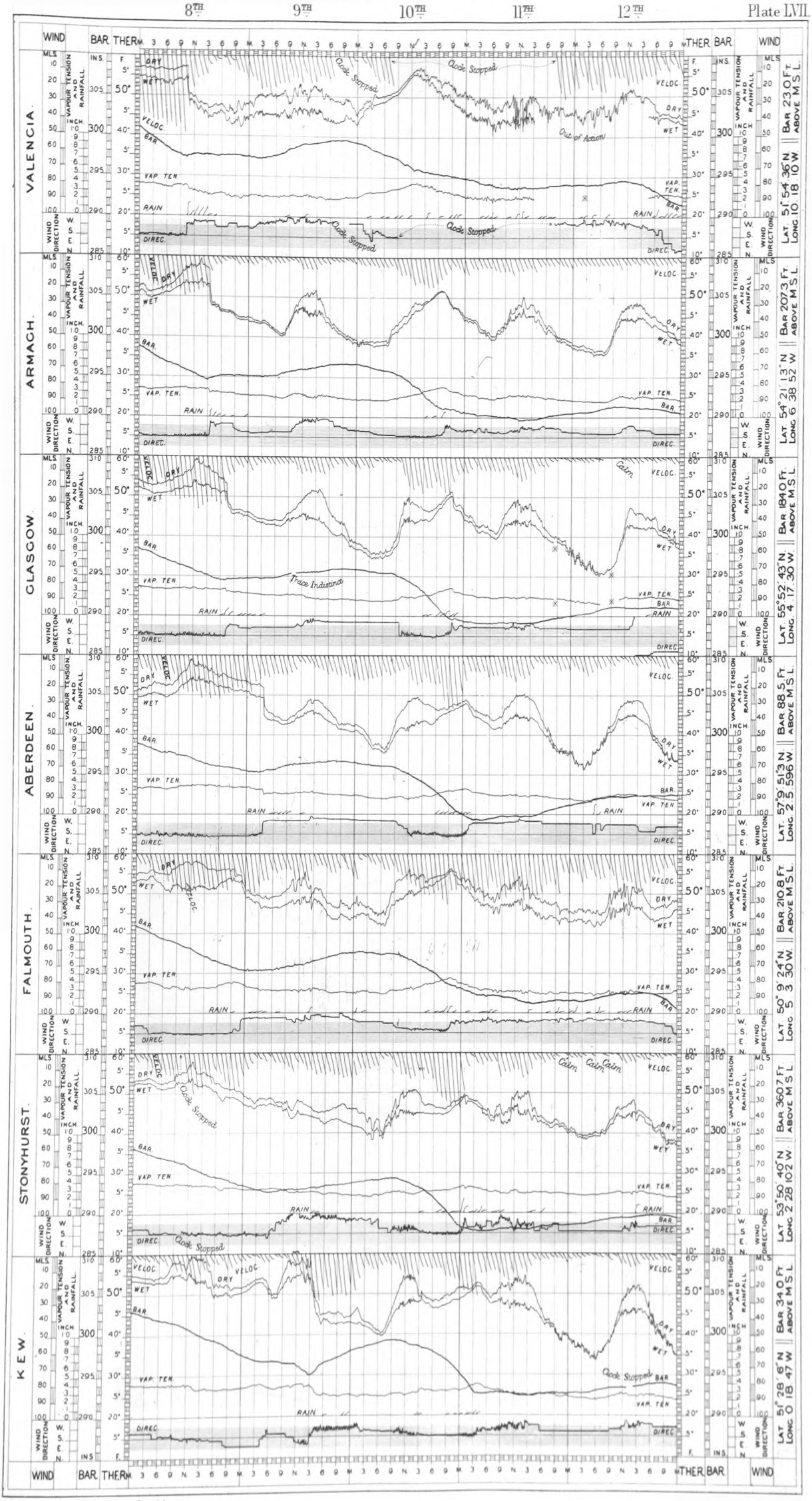


※ Out of Action

OCTOBER, 1875.

8TH 9TH 10TH 11TH 12TH

Plate LVII.



* Out of Action

OCTOBER, 1875.

13TH 14TH 15TH 16TH 17TH

Plate LVIII.

VALENCIA.

Lat 51° 54' 36" N Long 10 18 10 W || Bar 23 0 Ft Above M.S.L.

ARMAGH.

Lat 54° 21' 13" N Long 6 38 52 W || Bar 207.3 Ft Above M.S.L.

GLASGOW.

Lat 55° 52' 43" N Long 4 17 30 W || Bar 184.0 Ft Above M.S.L.

ABERDEEN.

Lat 57° 9' 51" N Long 2 5 59 W || Bar 88.5 Ft Above M.S.L.

FALMOUTH.

Lat 50° 9' 24" N Long 5 3 30 W || Bar 210.8 Ft Above M.S.L.

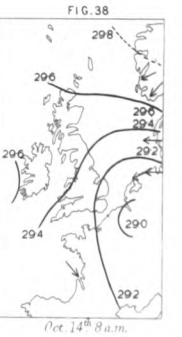
STONYHURST.

Lat 53° 50' 40" N Long 2 28 10 W || Bar 360.7 Ft Above M.S.L.

KEW.

Lat 51° 28' 6" N Long 0 18 47 W || Bar 34.0 Ft Above M.S.L.

FIG. 38



Oct. 14th 8 a.m.

* Out of Action

OCTOBER, 1875.

18TH 19TH 20TH 21ST 22ND

Plate LIX.

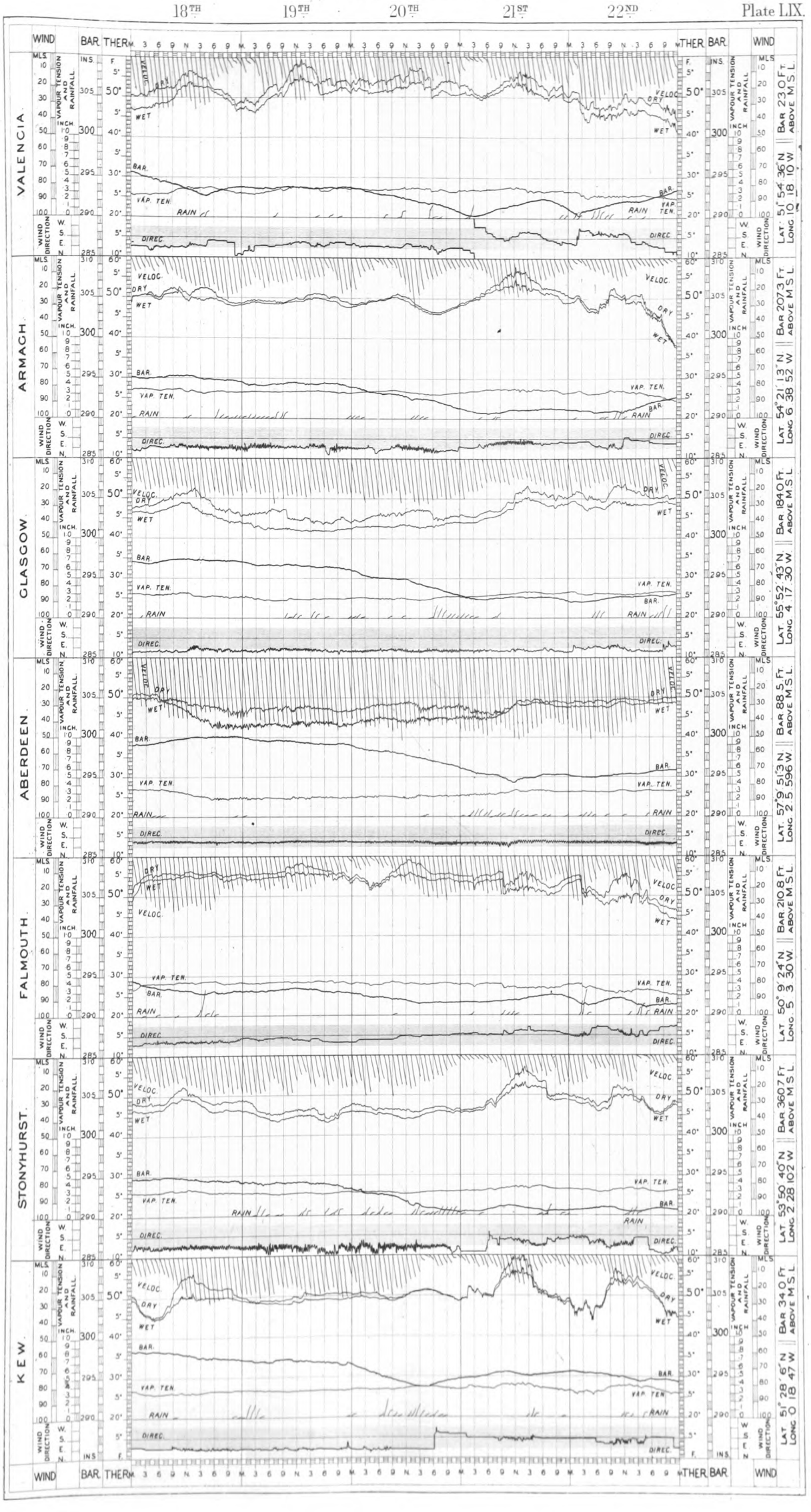
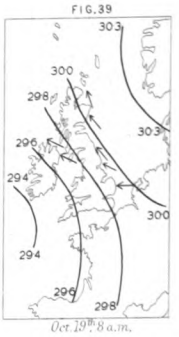
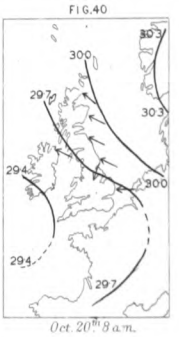


FIG. 39



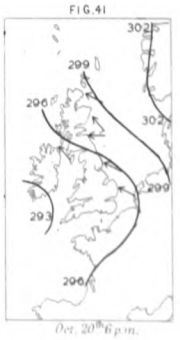
Oct. 19th 8 a.m.

FIG. 40



Oct. 20th 8 a.m.

FIG. 41



Oct. 20th 6 p.m.

23RD 24TH 25TH 26TH 27TH

VALENCIA. Lat. 51° 54' 36" N Long. 10 18 10 W Bar 23.0 Ft above M.S.L.

ARMAGH. Lat. 54° 21' 13" N Long. 6 38 52 W Bar 207.3 Ft above M.S.L.

GLASGOW. Lat. 55° 52' 43" N Long. 4 17 30 W Bar 184.0 Ft. above M.S.L.

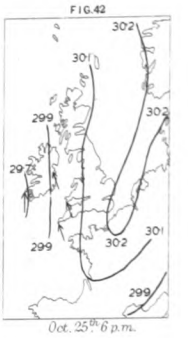
ABERDEEN. Lat. 57° 9' 51" N Long. 2 5 59 W Bar 88.5 Ft. above M.S.L.

FALMOUTH. Lat. 50° 9' 24" N Long. 5 3 30 W Bar 210.8 Ft above M.S.L.

STONYHURST. Lat. 53° 50' 40" N Long. 2 28 102 W Bar 360.7 Ft. above M.S.L.

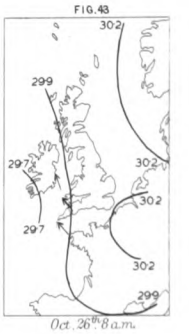
KEW. Lat. 51° 28' 6" N Long. 0 18 47 W Bar 34.0 Ft above M.S.L.

FIG. 42



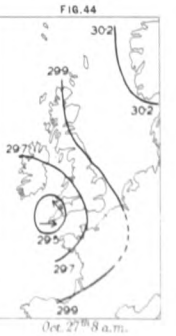
Oct. 25th 6 p.m.

FIG. 43



Oct. 26th 8 a.m.

FIG. 44



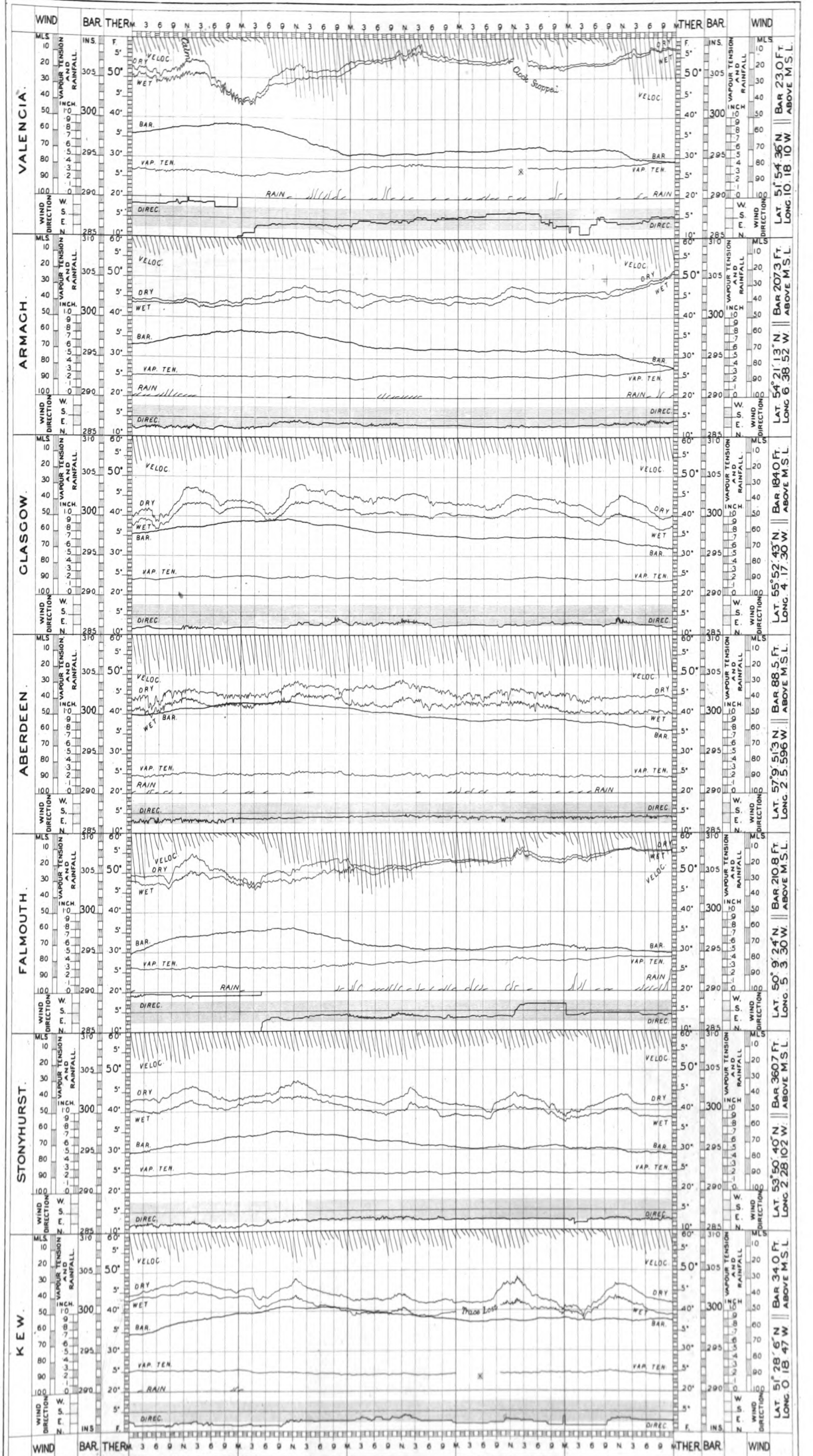
Oct. 27th 8 a.m.

※ Out of Action

OCTOBER & NOVEMBER.—1875.

28TH 29TH 30TH 31ST 1ST

Plate LXI.

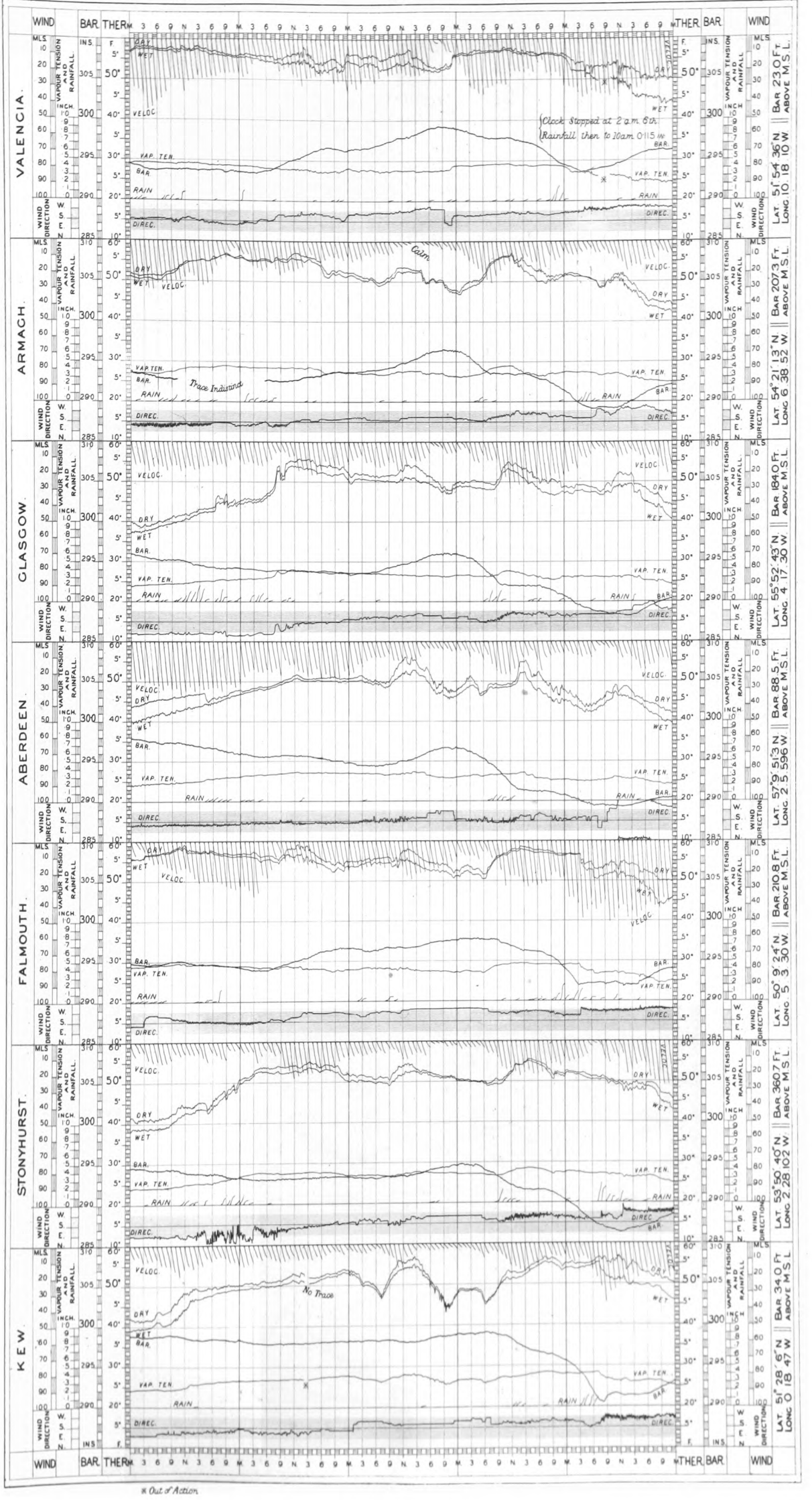


* Out of Action

NOVEMBER. — 1875.

2ND 3RD 4TH 5TH 6TH

Plate LXII



* Out of Action

NOVEMBER, 1875.

7TH 8TH 9TH 10TH 11TH

Plate LXIII.

VALENCIA. Lat. 51° 54' 36" N. Long. 10 18 10 W. Bar. 23.0 Ft. above M.S.L.

ARMAGH. Lat. 54° 21' 13" N. Long. 6 38 52 W. Bar. 207.3 Ft. above M.S.L.

GLASGOW. Lat. 55° 52' 43" N. Long. 4 17 30 W. Bar. 184.0 Ft. above M.S.L.

ABERDEEN. Lat. 57° 9' 51" N. Long. 2 5 596 W. Bar. 88.5 Ft. above M.S.L.

FALMOUTH. Lat. 50° 9' 24" N. Long. 5 3 30 W. Bar. 210.8 Ft. above M.S.L.

STONYHURST. Lat. 53° 50' 40" N. Long. 2 28 102 W. Bar. 360.7 Ft. above M.S.L.

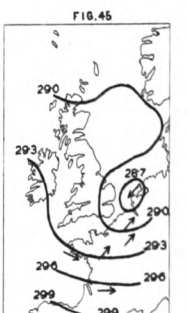
KEW. Lat. 51° 28' 6" N. Long. 0 18 47 W. Bar. 34.0 Ft. above M.S.L.

WIND BAR. THERM. 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M THER. BAR. WIND

VELOC. DRY WET BAR. VAP. TEN. RAIN DIREC. Calm. Out of Action. Cairn Fairn. 28.345 28.166 29.417

VAPOUR TENSION AND RAINFALL. WIND DIRECTION.

FIG. 45



Nov. 11th 8 a.m.

* Out of Action

NOVEMBER, — 1875.

12TH 13TH 14TH 15TH 16TH Plate LXIV.

WIND BAR. THER. M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M THER. BAR. WIND

VALENCIA.

Lat. 51° 54′ 36″ N
Long. 10 18 10 W
Bar 23.0 Ft. Above M.S.L.

Calm.

ARMAGH.

Lat. 54° 21′ 13″ N
Long. 6 38 52 W
Bar 207.3 Ft. Above M.S.L.

GLASGOW.

Lat. 55° 52′ 43″ N
Long. 4 17 30 W
Bar 184.0 Ft. Above M.S.L.

No Trace

ABERDEEN.

Lat. 57° 9′ 51.3 N
Long. 2 5 59.6 W
Bar 88.5 Ft. Above M.S.L.

FALMOUTH.

Lat. 50° 9′ 24″ N
Long. 5 3 30 W
Bar 21.0.8 Ft. Above M.S.L.

STONYHURST.

Lat. 53° 50′ 40″ N
Long. 2 28 10.2 W
Bar 360.7 Ft. Above M.S.L.

28.480 in.

KEW.

Lat. 51° 28′ 6″ N
Long. 0 18 47 W
Bar 34.0 Ft. Above M.S.L.

Light Failed.

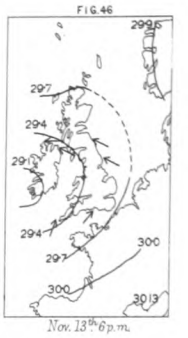
VELOC. DRY WET BAR. VAP. TEN. RAIN DIREC.

WIND DIRECTION W. S. E. N.

VAPOUR TENSION AND RAINFALL INCH.

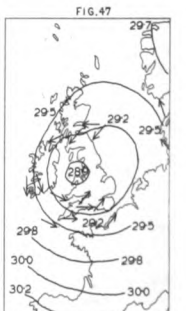
MLS. INS. F.

FIG. 46



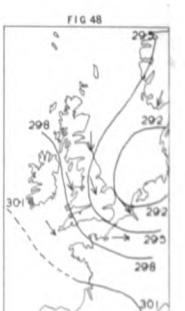
Nov. 13th 6 p.m.

FIG. 47



Nov. 14th 8 a.m.

FIG. 48



Nov. 14th 6 p.m.

* Out of Action

NOVEMBER, — 1875.

17TH 18TH 19TH 20TH 21ST

Plate LXV.

WIND BAR. THER. M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M THER. BAR. WIND

VALENCIA.

VELOC. DRY WET BAR. VAP. TEN. RAIN DIREC.

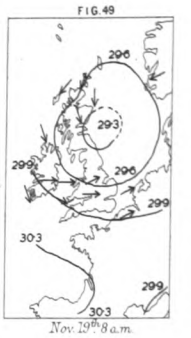
Lat 51° 54' 36" N Long 10 18 10 W || Bar 23 0 Ft above M.S.L.

ARMAGH.

VELOC. DRY WET BAR. VAP. TEN. RAIN DIREC.

Lat 54° 21' 13" N Long 6 38 52 W || Bar 207.3 Ft. above M.S.L.

FIG. 49



Nov. 19th 8 a.m.

GLASGOW.

VELOC. DRY WET BAR. VAP. TEN. RAIN DIREC.

Lat 55°52'43" N Long 4 17 30 W || Bar 184.0 Ft above M.S.L.

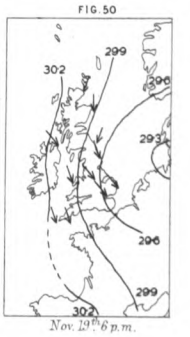
ABERDEEN.

VELOC. DRY WET BAR. VAP. TEN. RAIN DIREC.

Instrument under Repair.

Lat. 57°9'51"3 N Long 2 5 596 W || Bar 88.5 Ft. above M.S.L.

FIG. 50



Nov. 19th 6 p.m.

FALMOUTH.

VELOC. DRY WET BAR. VAP. TEN. RAIN DIREC.

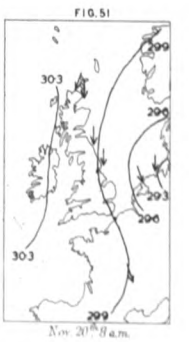
Lat. 50° 9' 24" N Long 5 3 30 W || Bar 210.8 Ft. above M.S.L.

STONYHURST.

VELOC. DRY WET BAR. VAP. TEN. RAIN DIREC.

Lat 53° 50 40" N Long 2 28 102 W || Bar 360.7 Ft above M.S.L.

FIG. 51



Nov. 20th 8 a.m.

KEW.

VELOC. DRY WET BAR. VAP. TEN. RAIN DIREC.

Lat 51° 28' 6" N Long 0 18 47 W || Bar 34.0 Ft above M.S.L.

WIND BAR. THER. M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M THER. BAR. WIND

* Out of Action

27TH 28TH 29TH 30TH 1ST

VALENCIA.

Lat. 51° 54′ 36″ N. Long. 10 18 10 W. Bar. 23.0 Ft. above M.S.L.

ARMAGH.

Lat. 54° 21′ 13″ N. Long. 6 38 52 W. Bar. 207.3 Ft. above M.S.L.

Clock Stopped

CLASGOW.

Lat. 55° 52′ 43″ N. Long. 4 17 30 W. Bar. 184.0 Ft. above M.S.L.

Out of Action

Snow meas.d 10 a.m. 30th. 0·470 in.

ABERDEEN.

Lat. 57° 9′ 51″ N. Long. 2 5 596 W. Bar. 88.5 Ft. above M.S.L.

FALMOUTH.

Lat. 50° 9′ 24″ N. Long. 5 3 30 W. Bar. 210.8 Ft. above M.S.L.

Trace Indistinct

STONYHURST.

Lat. 53° 50′ 40″ N. Long. 2 28 102 W. Bar. 360.7 Ft. above M.S.L.

Clock Stopped

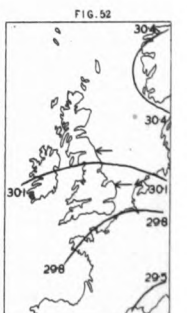
Out of Action

Snow meas.d 10 a.m. 27th. 0·008 in.

KEW.

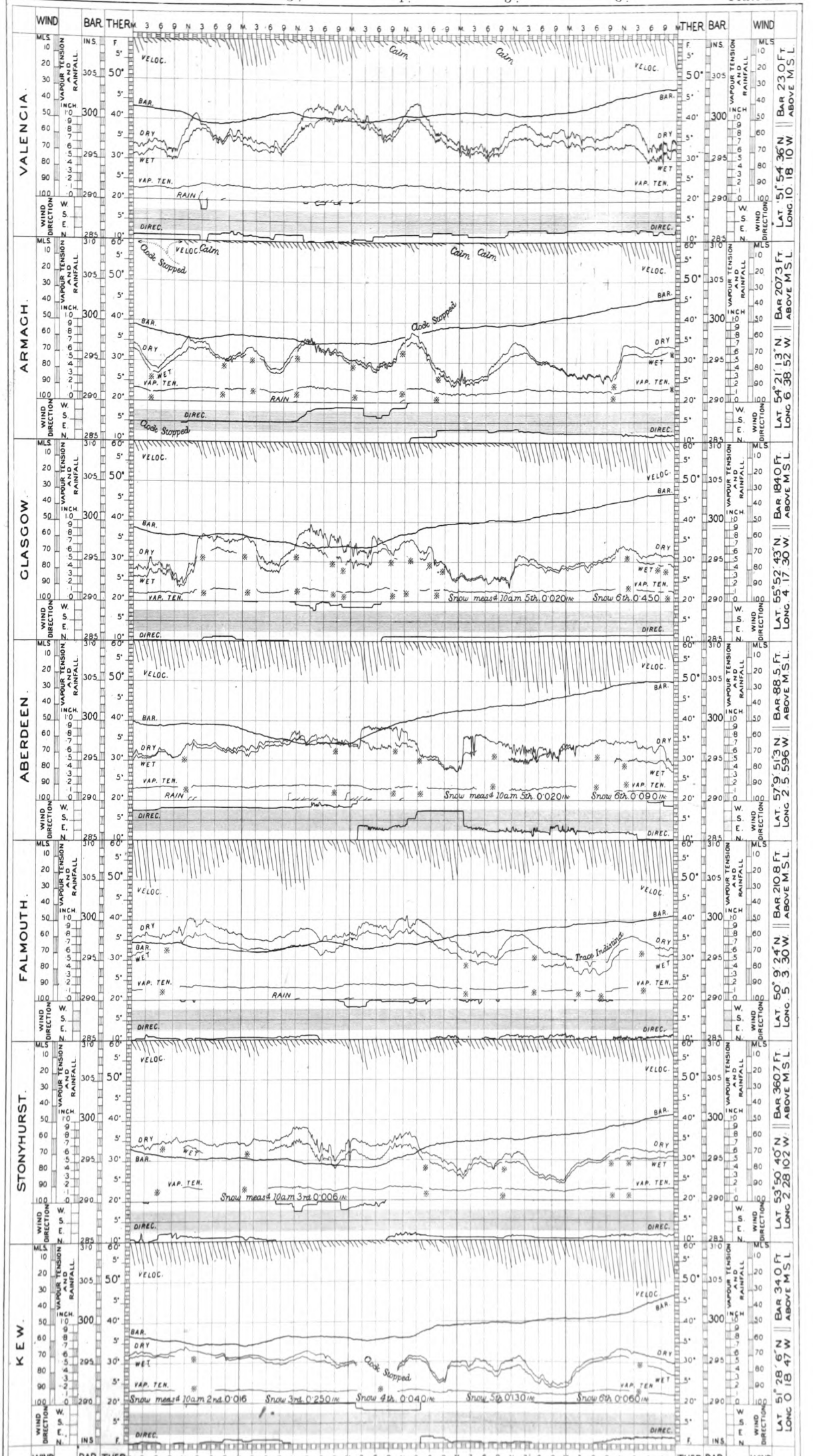
Lat. 51° 28′ 6″ N. Long. 0 18 47 W. Bar. 34.0 Ft. above M.S.L.

FIG. 52



Nov. 30th 8 a.m.

* Out of Action

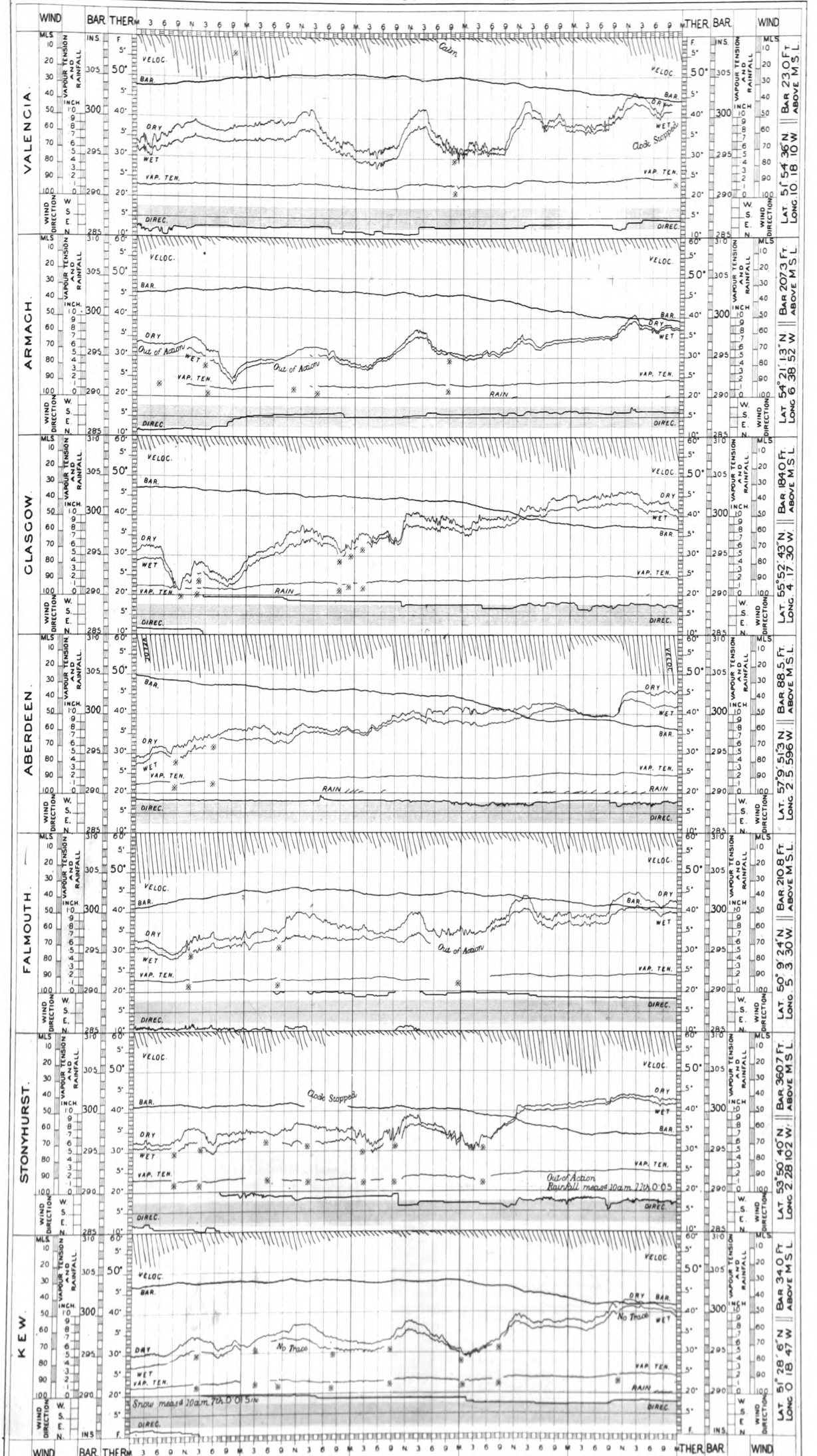


* Out of Action

DECEMBER, — 1875

7TH 8TH 9TH 10TH 11TH

Plate LXIX.

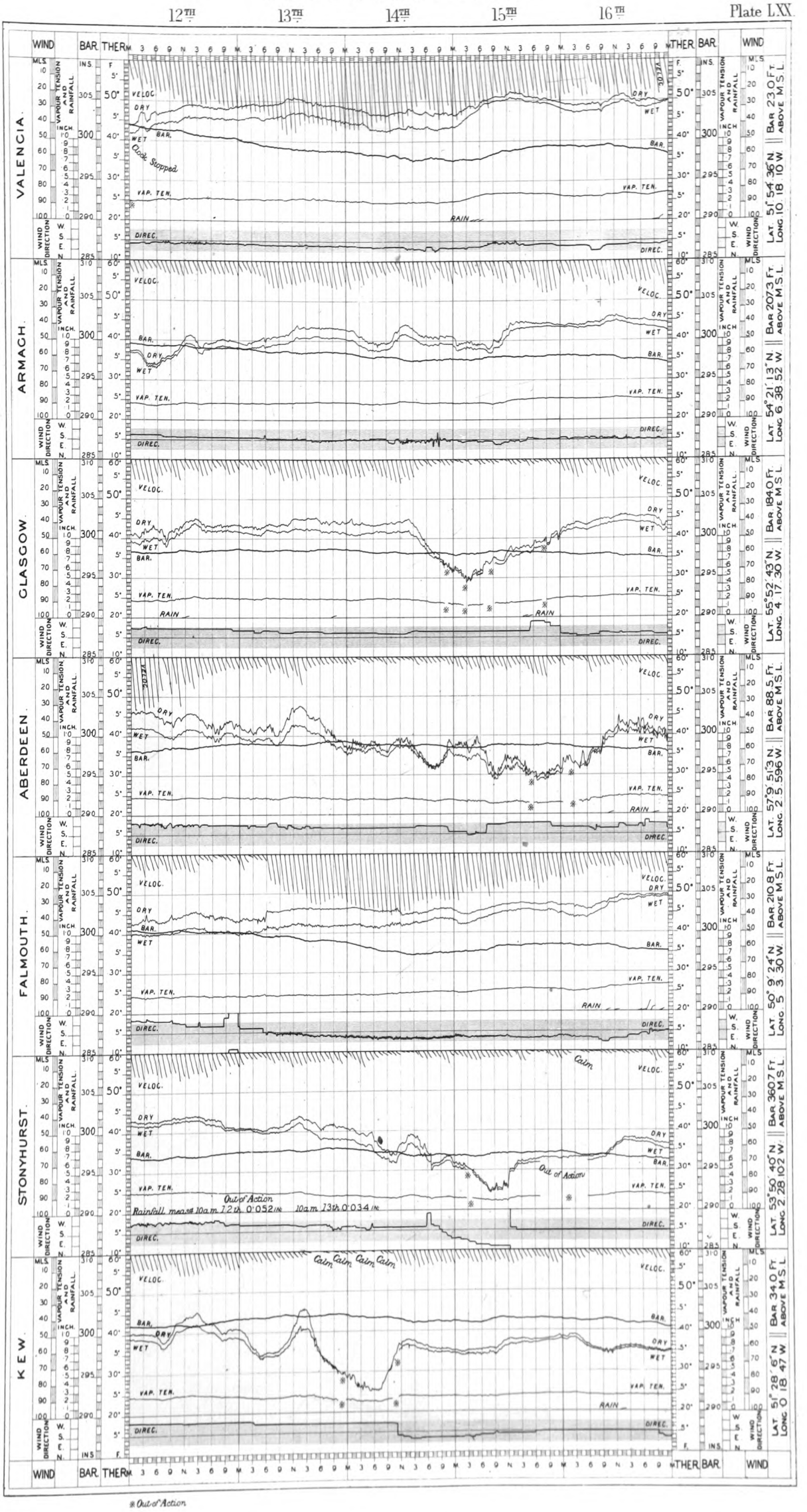


* Out of Action

DECEMBER. 1875.

Plate LXX.

12TH 13TH 14TH 15TH 16TH



* Out of Action

WIND BAR. THER. M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 M 3 6 9 N 3 6 9 THER. BAR. WIND

VALENCIA. — Lat. 51° 54′ 36″ N. Long. 10. 18. 10 W. ‖ Bar. 23.0 Ft. above M.S.L.

ARMAGH. — Lat. 54° 21′ 13″ N. Long. 6. 38. 52 W. ‖ Bar. 207.3 Ft. above M.S.L.

GLASGOW. — Lat. 55° 52′ 43″ N. Long. 4. 17. 30 W. ‖ Bar. 184.0 Ft. above M.S.L.

ABERDEEN. — Lat. 57° 9′ 51′3 N. Long. 2. 5. 59 6 W. ‖ Bar. 88.5 Ft. above M.S.L.

FALMOUTH. — Lat. 50° 9′ 24″ N. Long. 5. 3. 30 W. ‖ Bar. 210.8 Ft. above M.S.L.

STONYHURST. — Lat. 53° 50′ 40″ N. Long. 2. 28 102 W. ‖ Bar. 360.7 Ft. above M.S.L.

KEW. — Lat. 51° 28′ 6″ N. Long. 0. 18. 47 W. ‖ Bar. 34.0 Ft. above M.S.L.

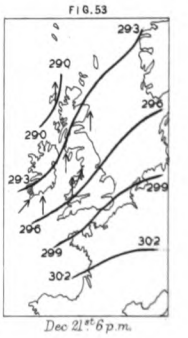
Each station: MLS. VAPOUR TENSION AND RAINFALL INCH. INS. F. WIND DIRECTION W. S. E. N. — DAY, WET, DRY, BAR., VAP. TEN., RAIN, DIREC., VELOC.

Rainfall meas^d 10 a.m. 19th 0·183 in. meas^d 10 a.m. 20th 0·038 in.

Light Failed

* Out of Action

FIG. 53



Dec 21st 6 p.m.

DECEMBER, 1875.

22ND 23RD 24TH 25TH 26TH

Plate LXXII.

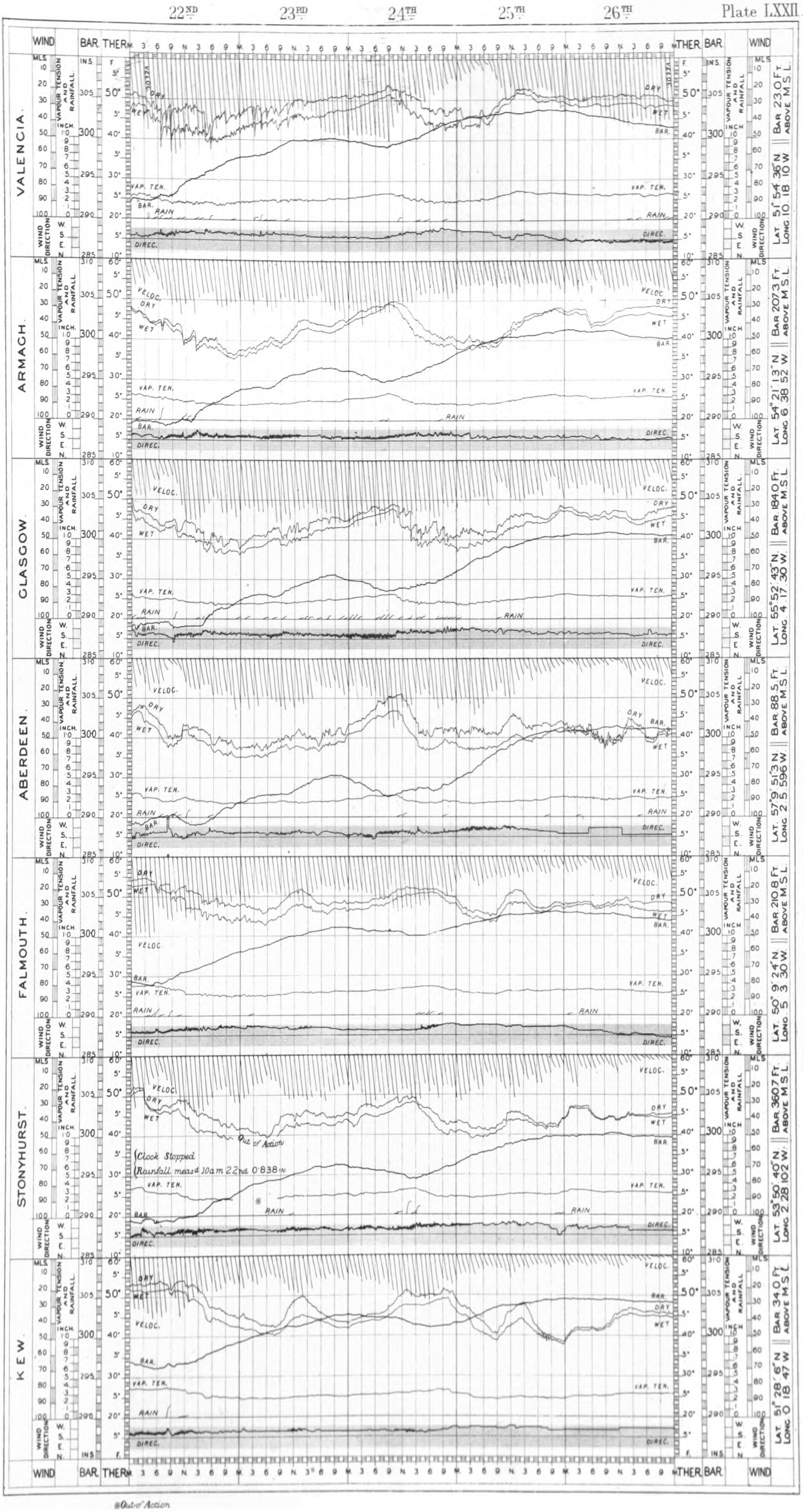
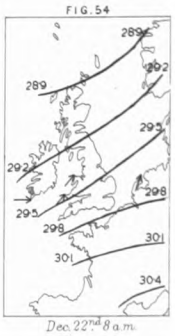
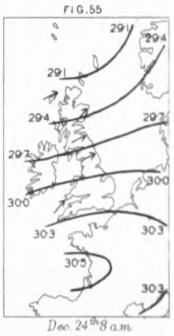


FIG. 54



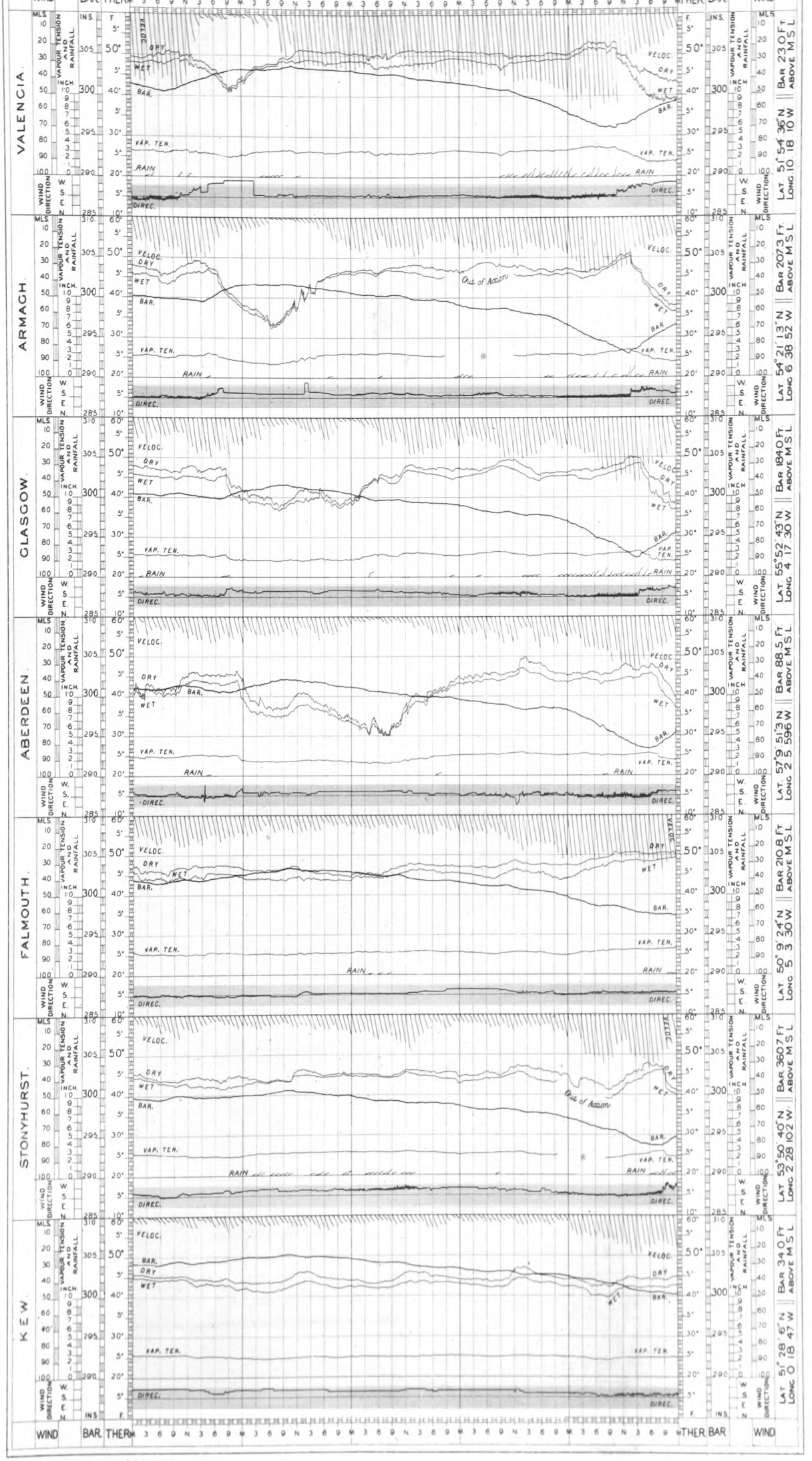
Dec. 22nd 8 a.m.

FIG. 55



Dec. 24th 8 a.m.

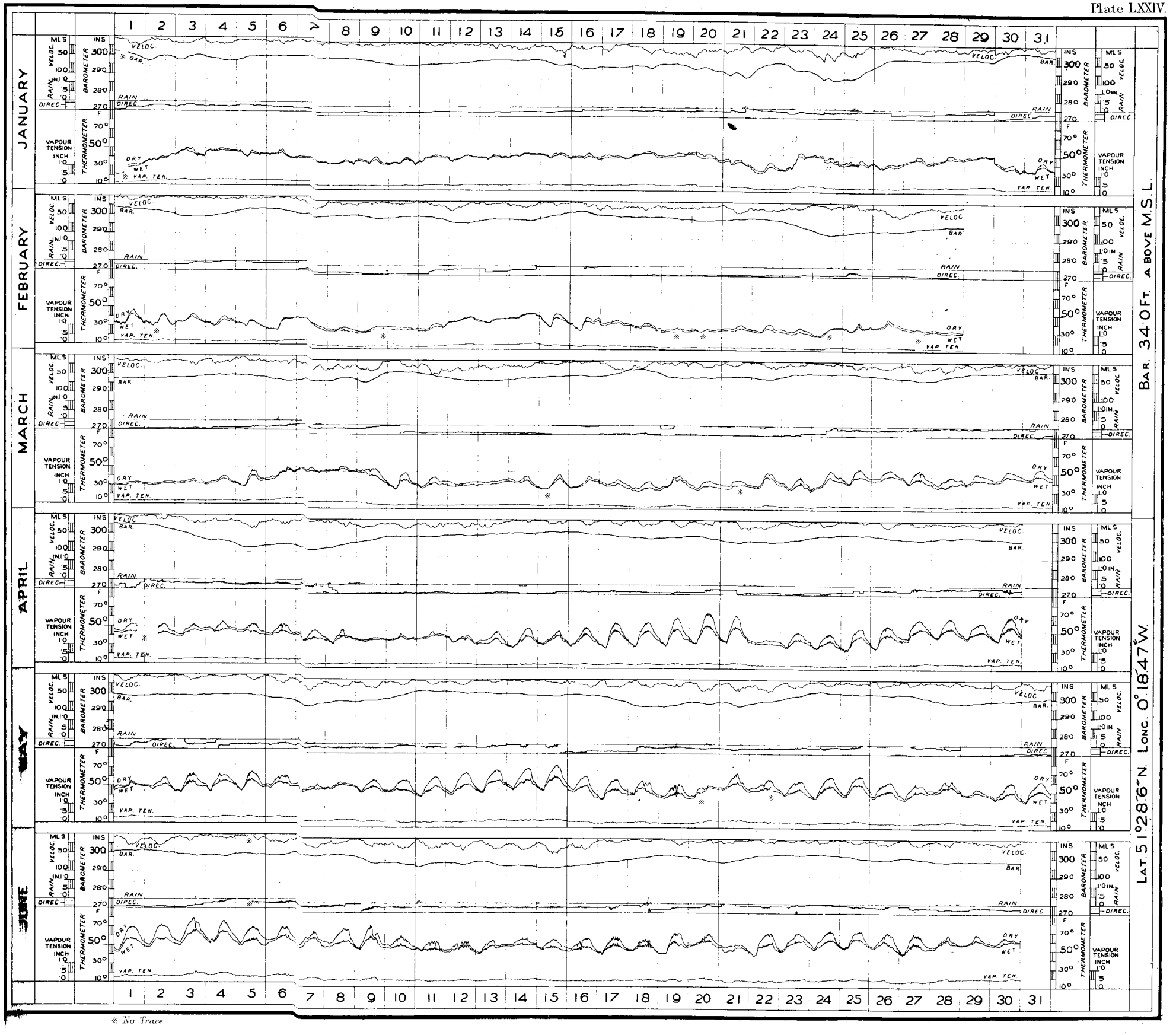
*Out of Action



*Out of Action

KEW, 1875

Plate LXXIV.



* No Trace